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Fig.1

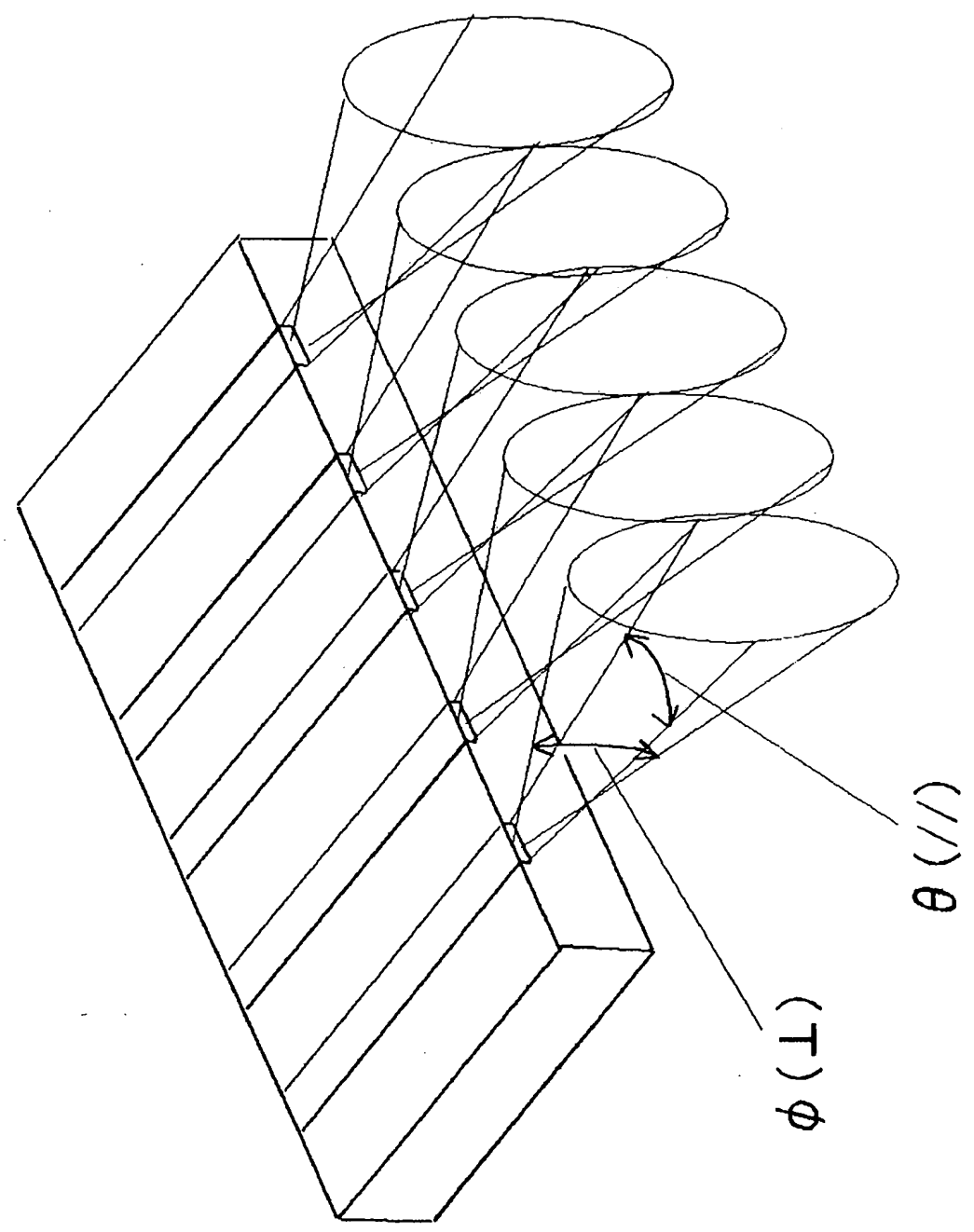


Fig.2

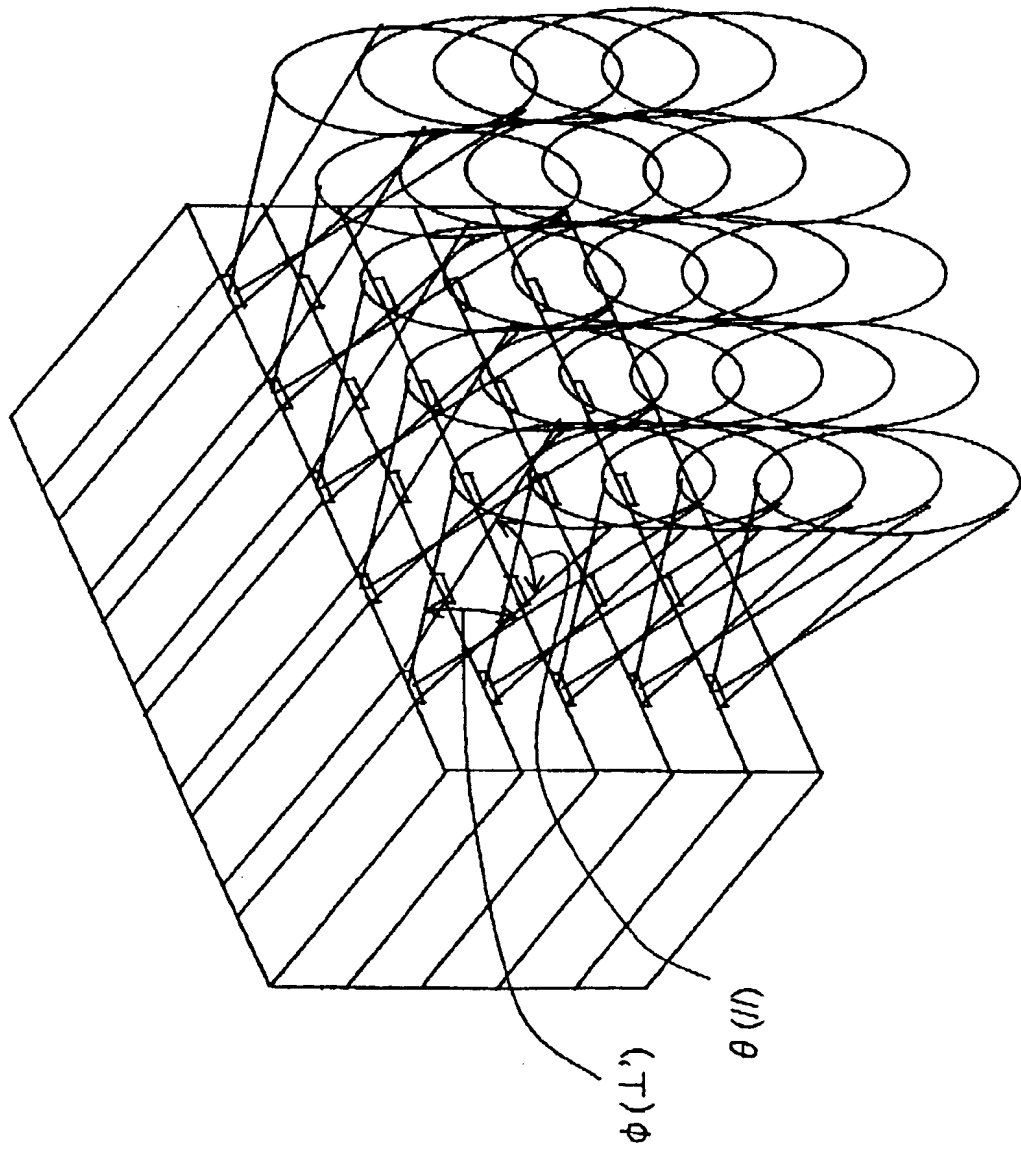


Fig. 3

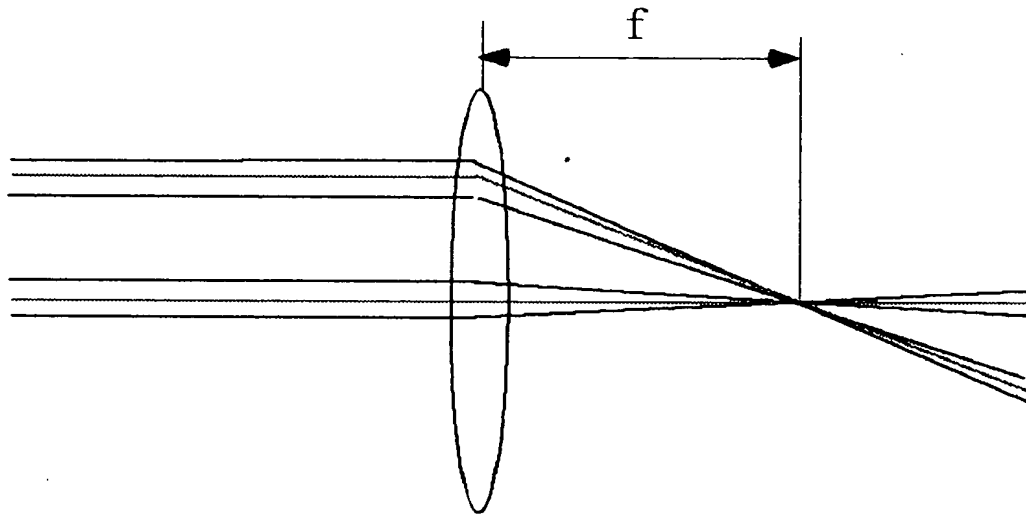


Fig. 4

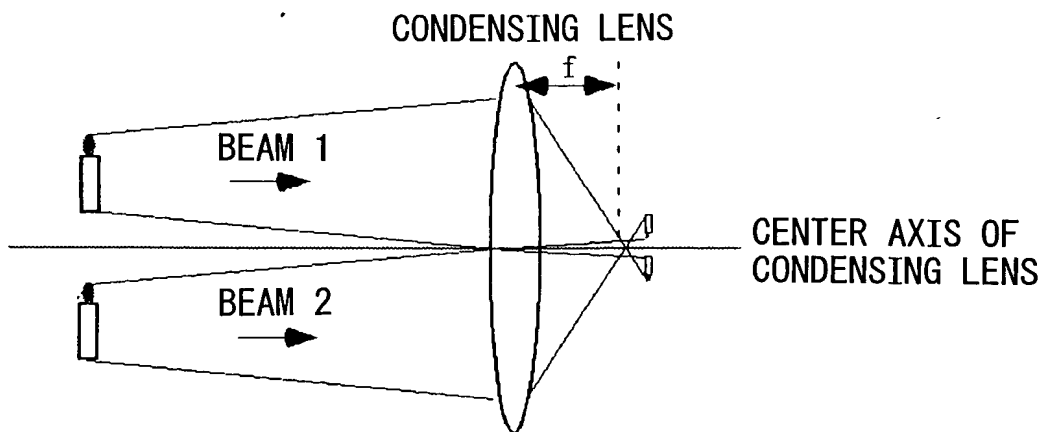


Fig. 5

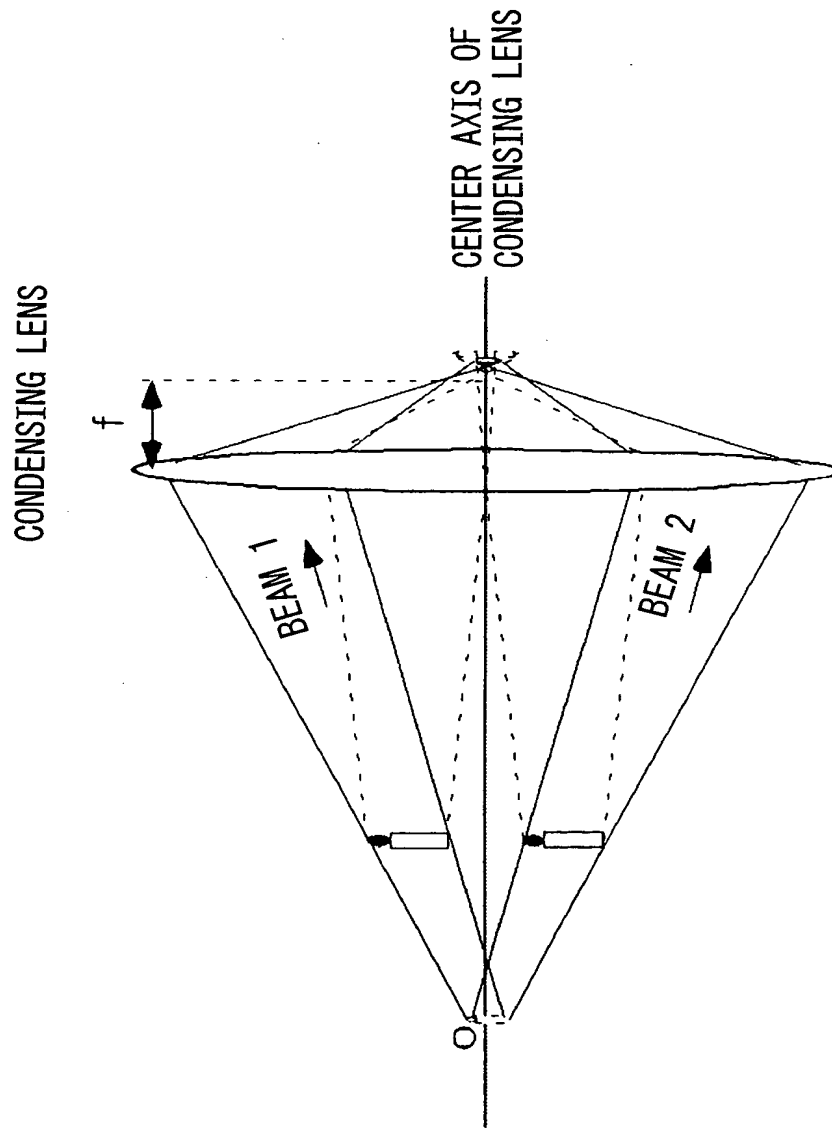


Fig. 6

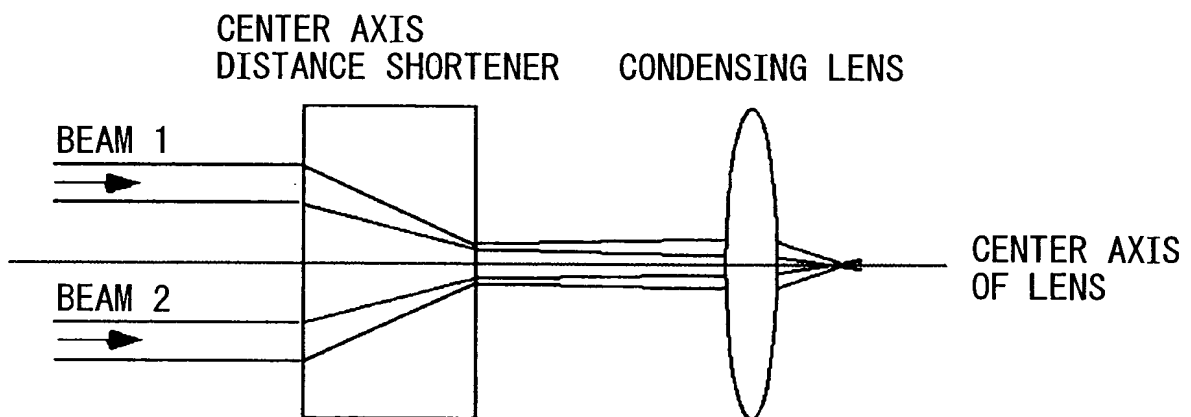


Fig. 7

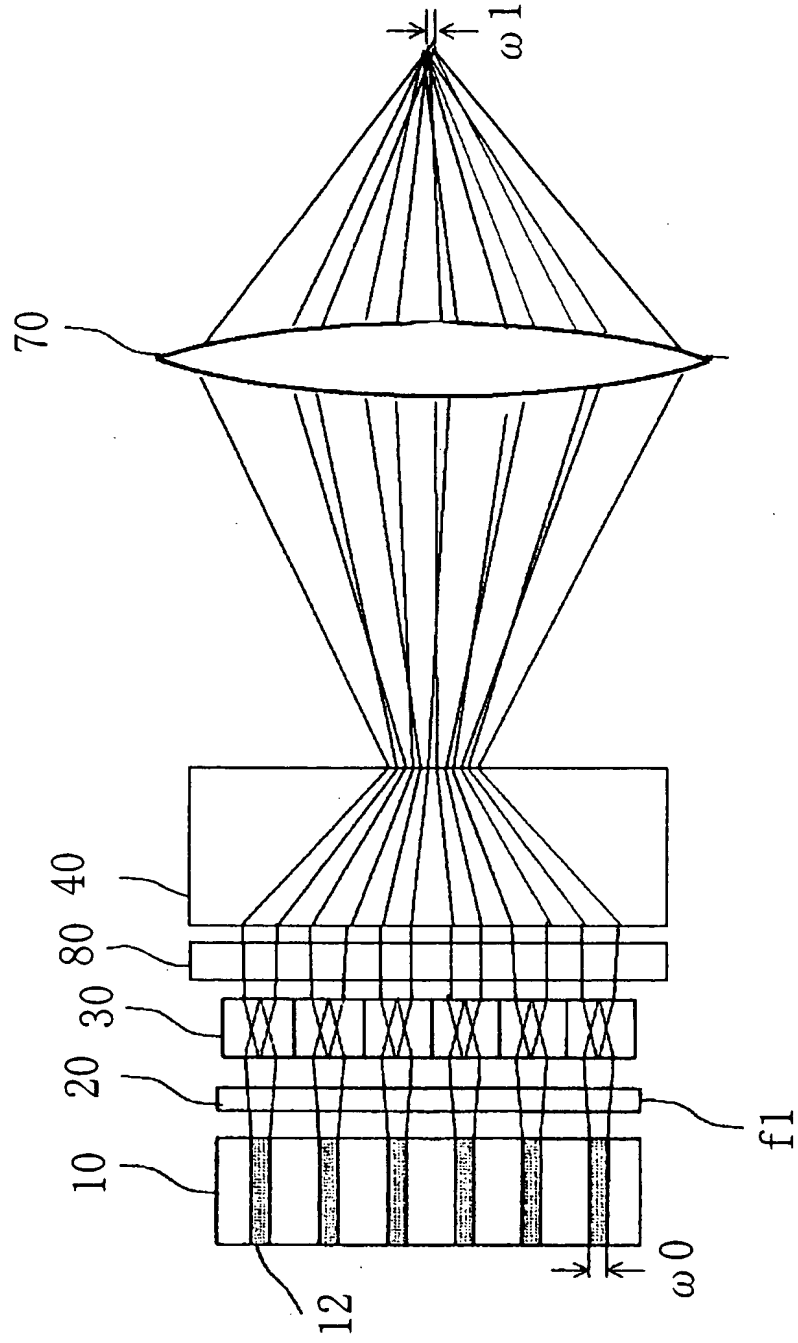


Fig. 8

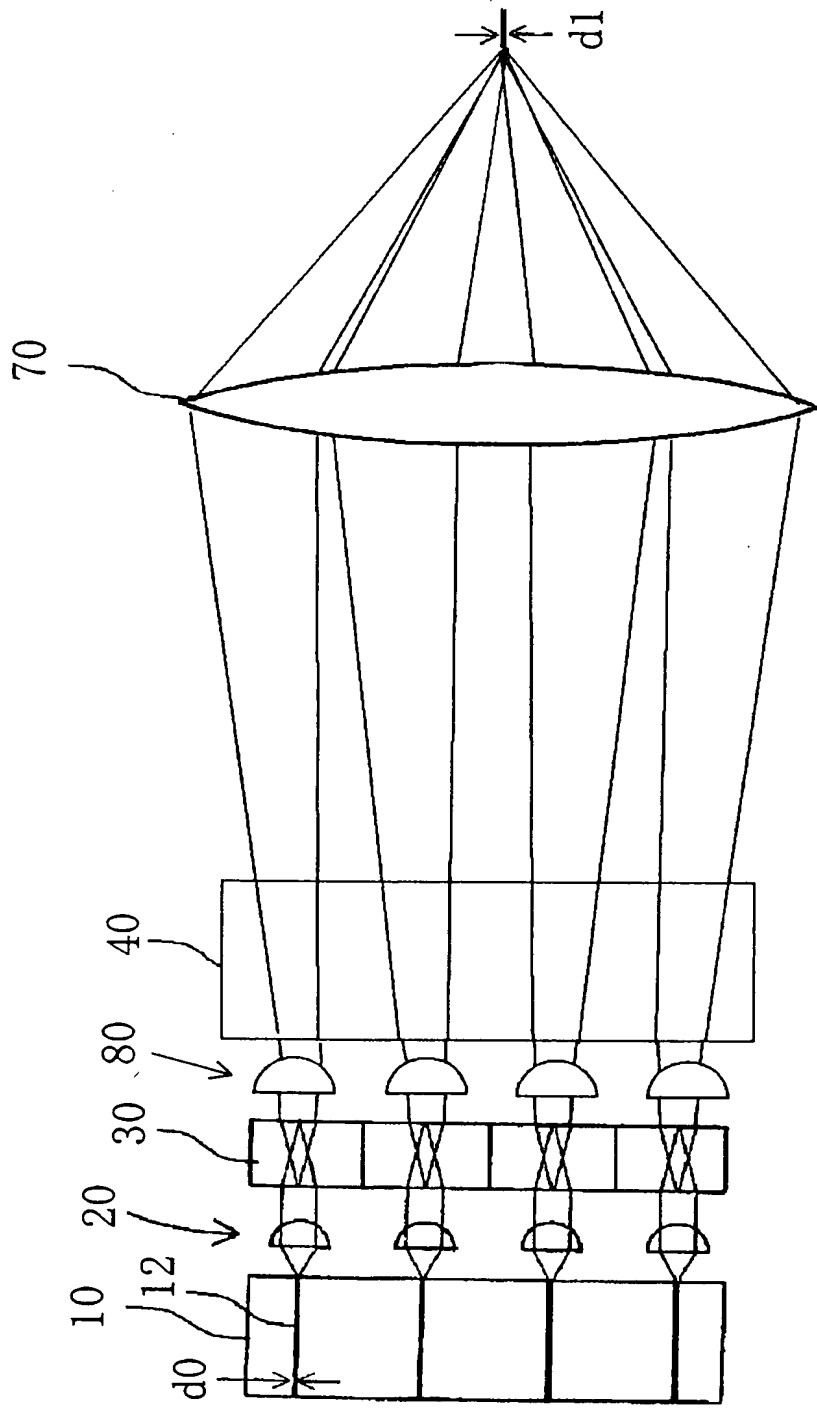


Fig. 9

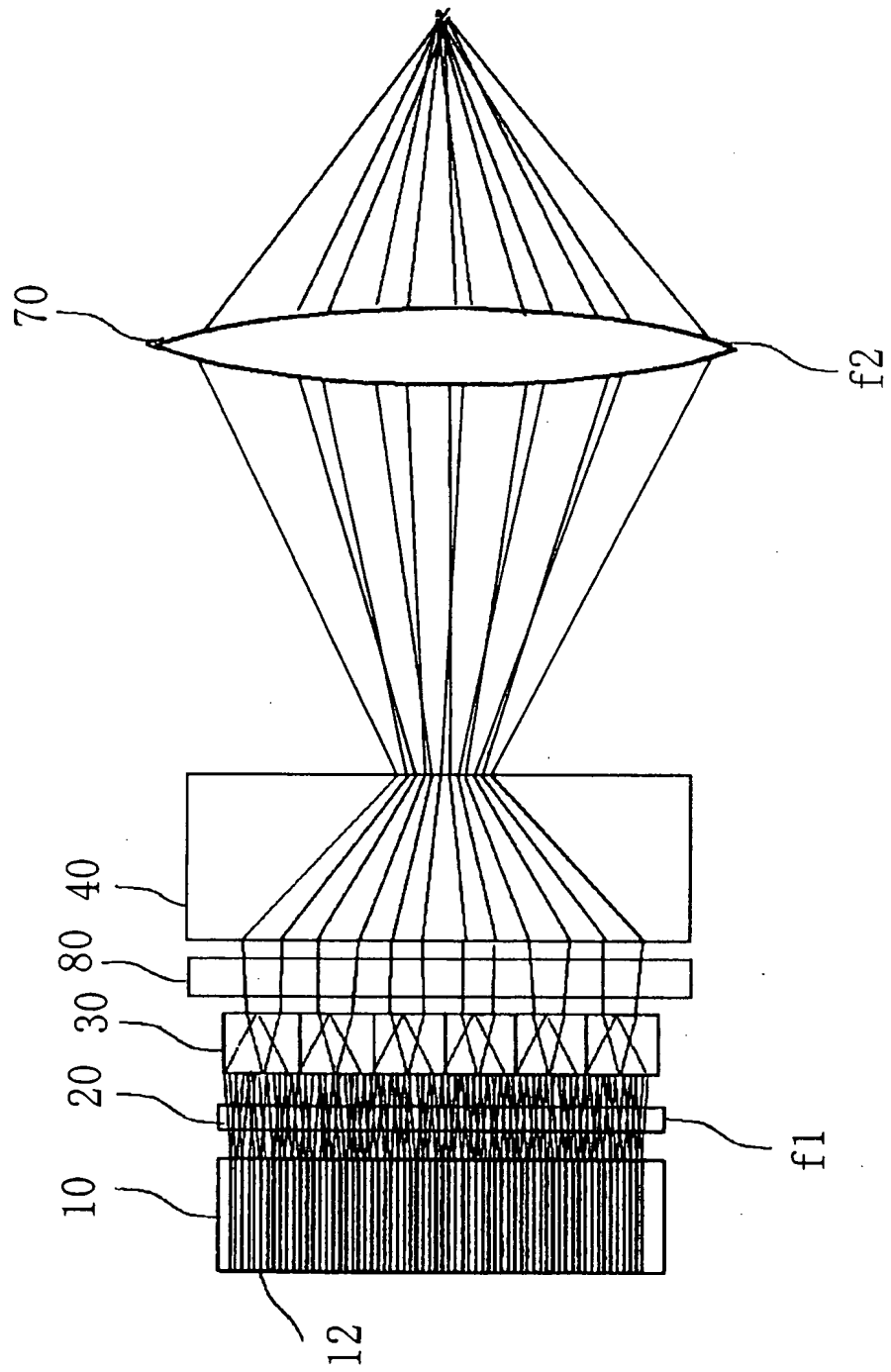


Fig.10

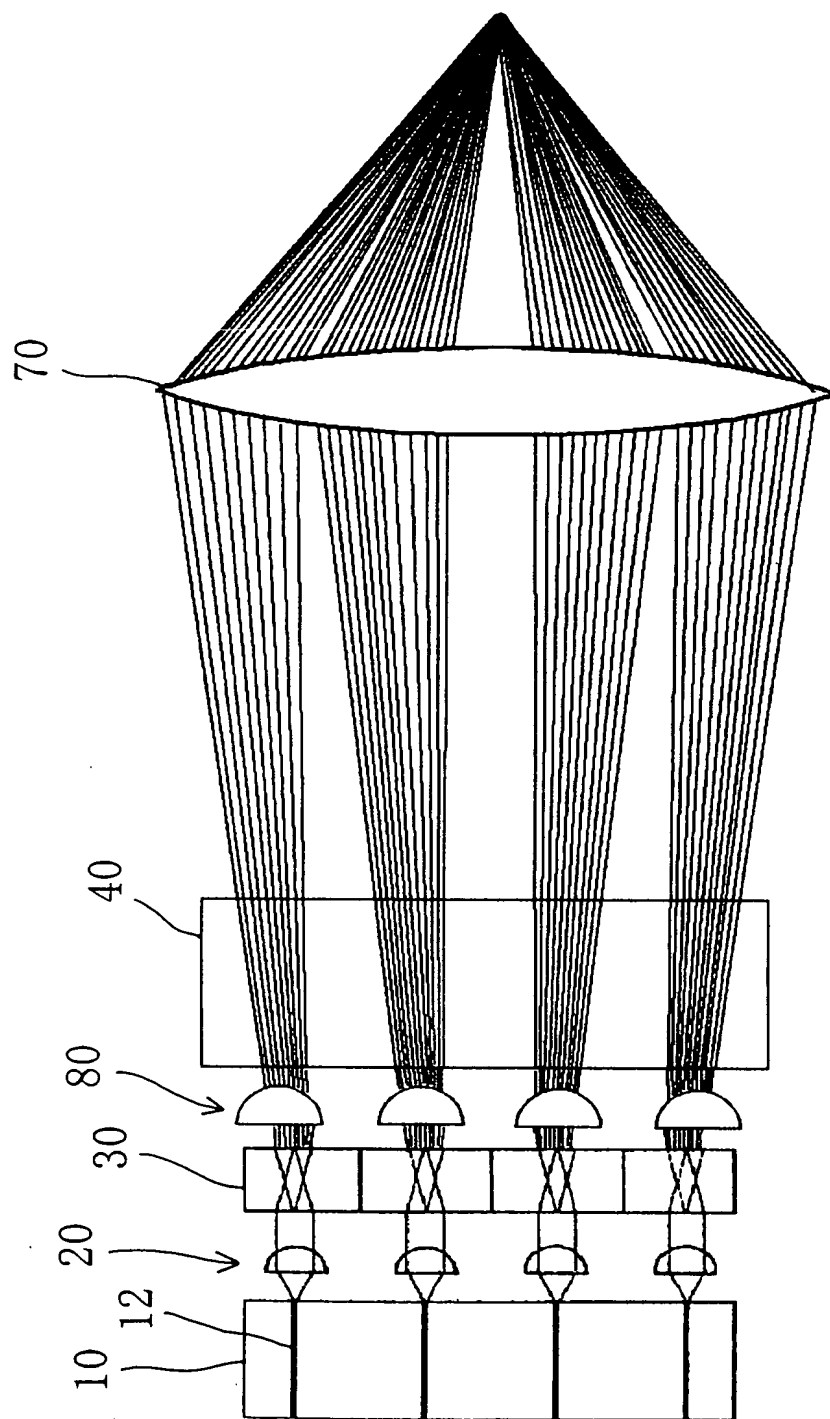


Fig.12

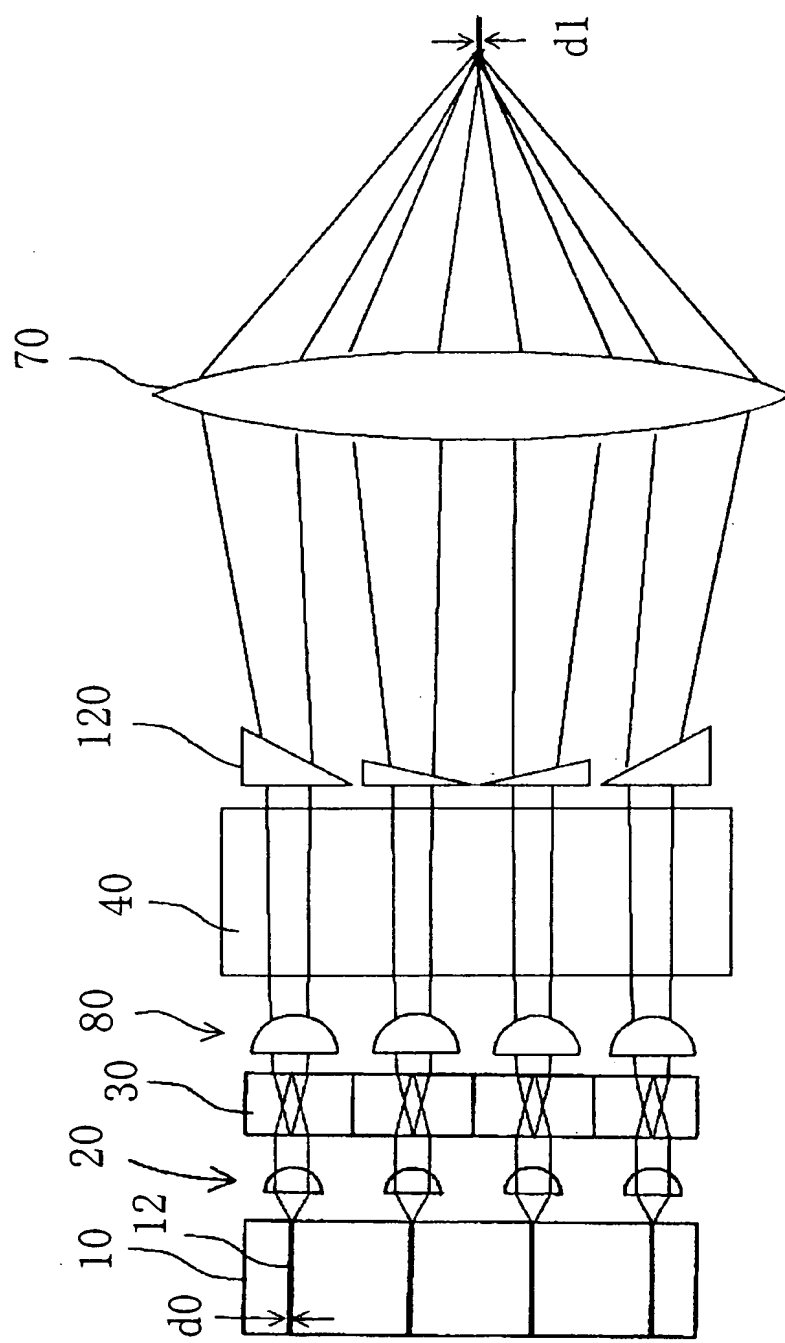


Fig.13

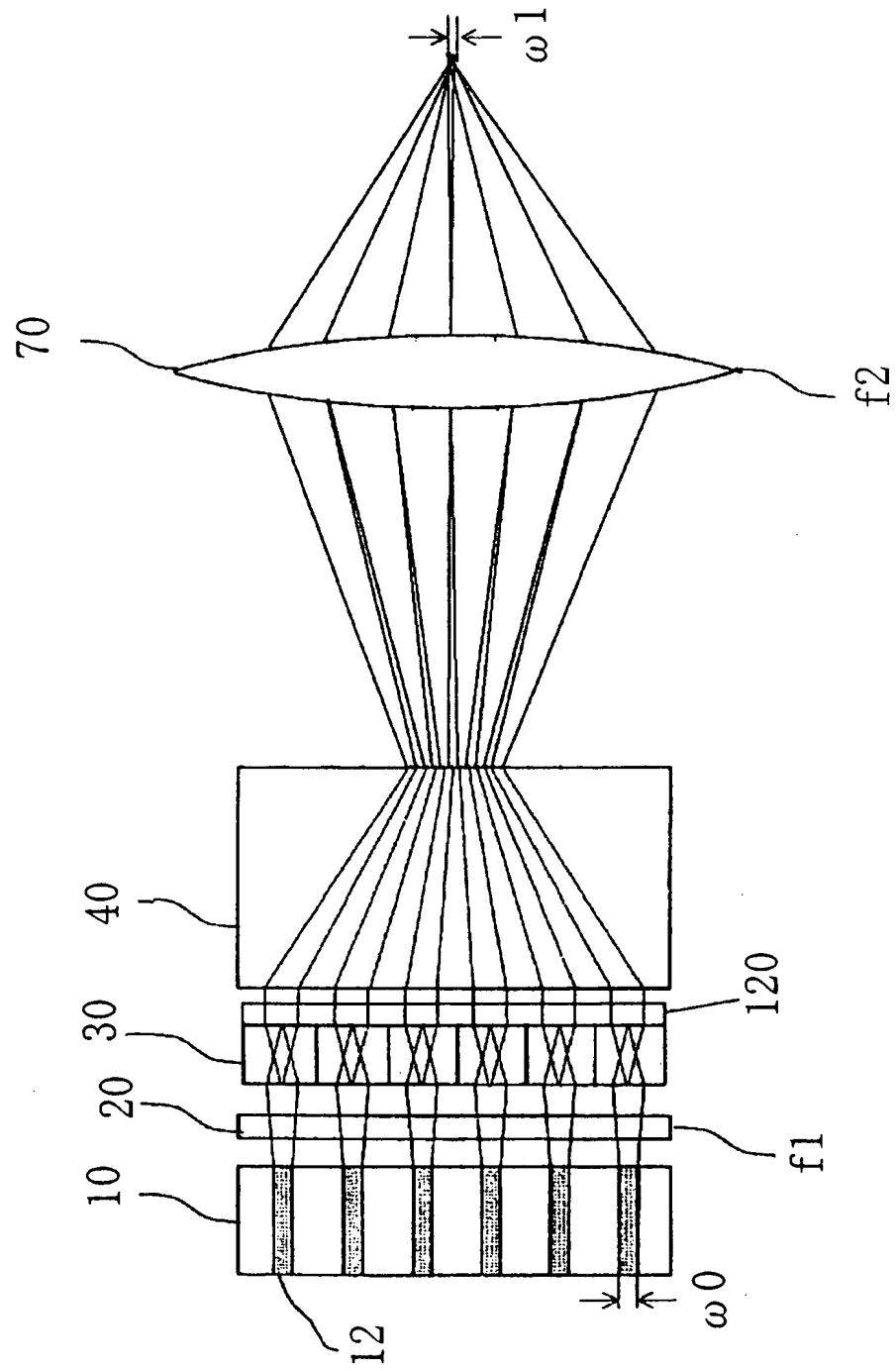


Fig.14

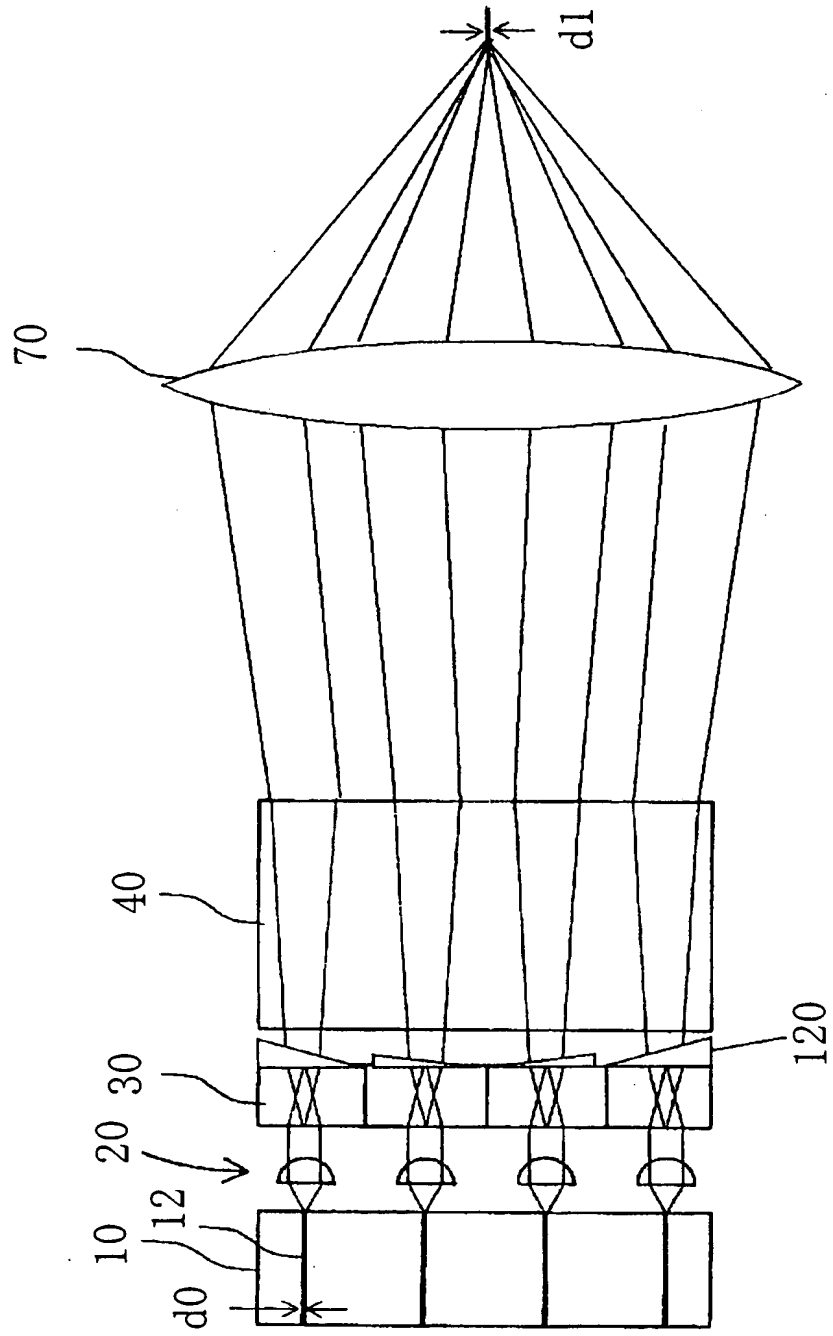


Fig.15

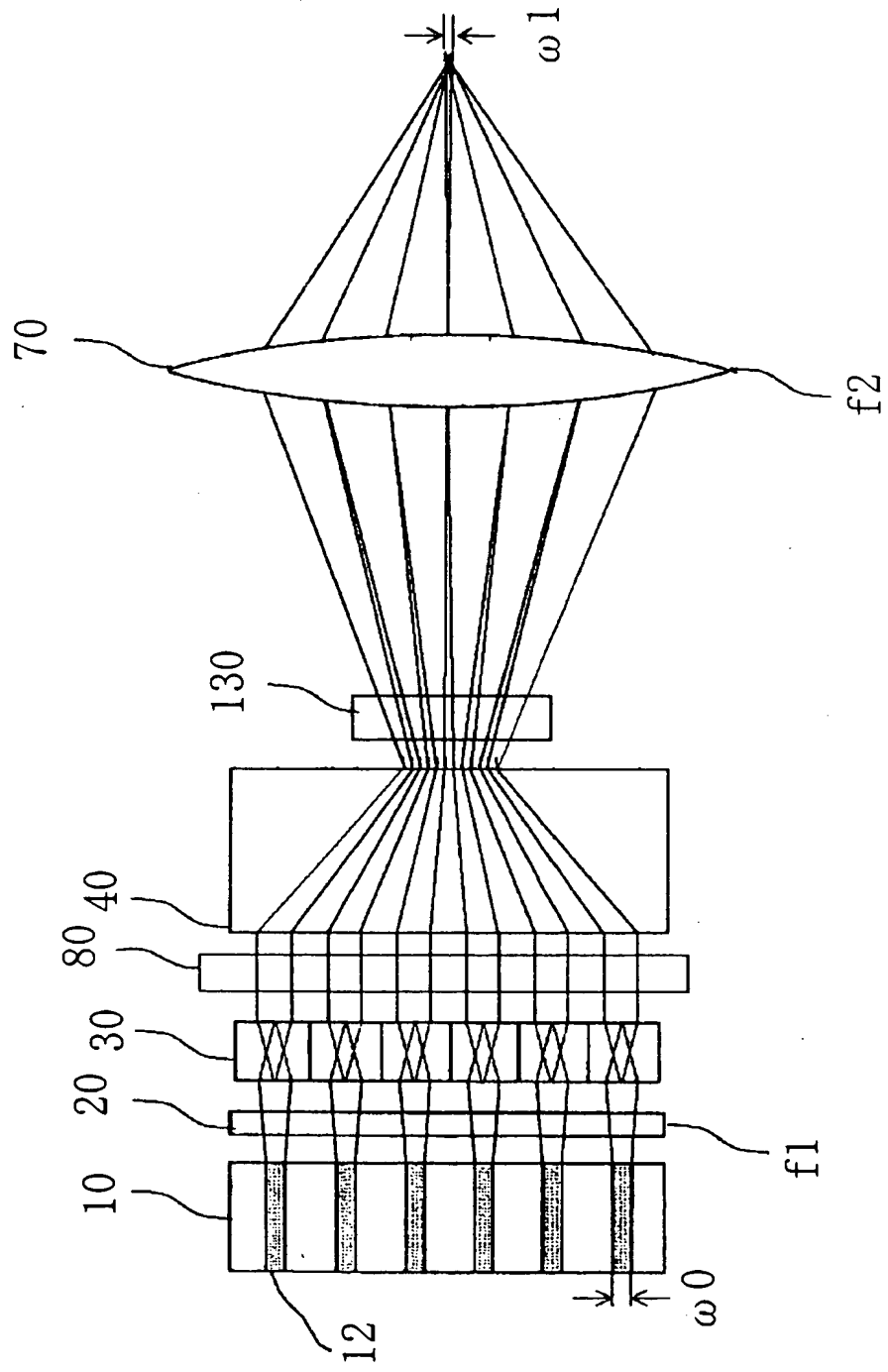


Fig.16

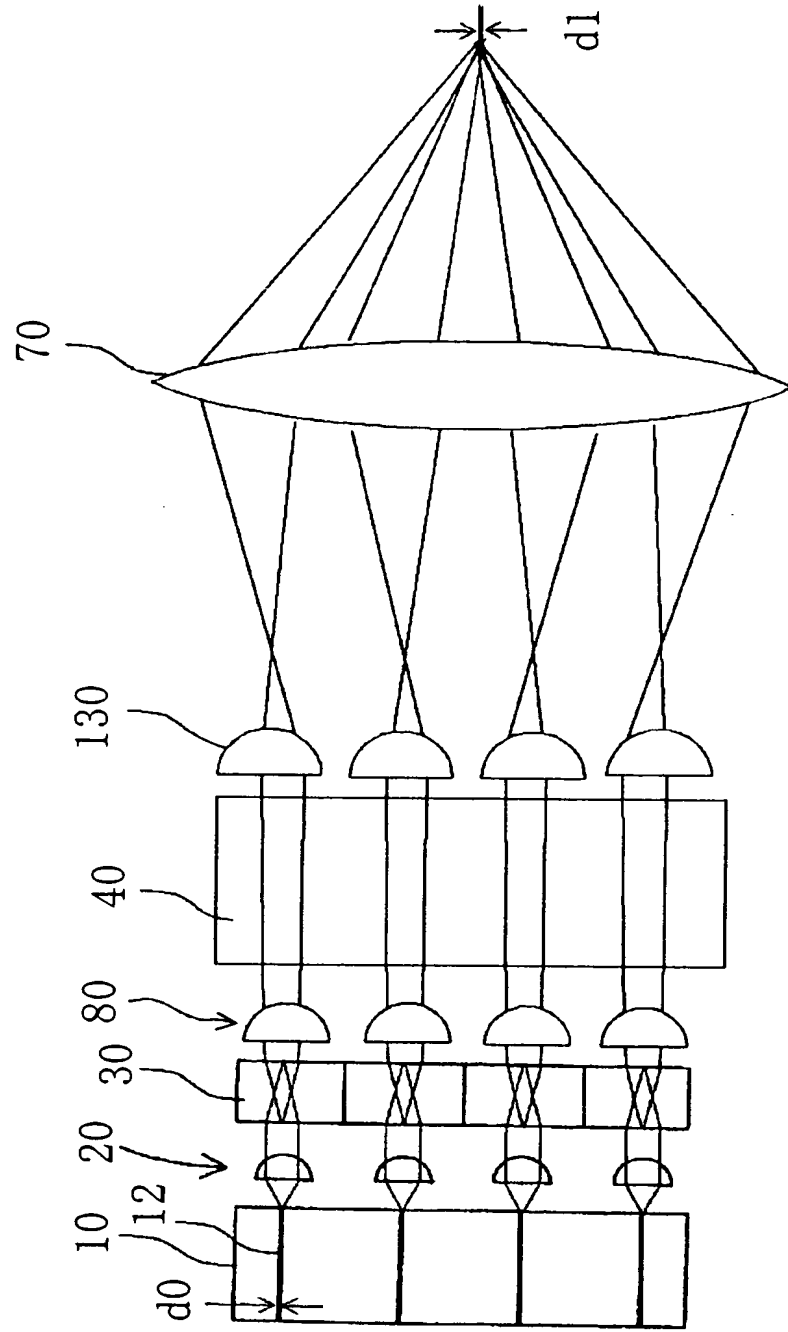


Fig.17

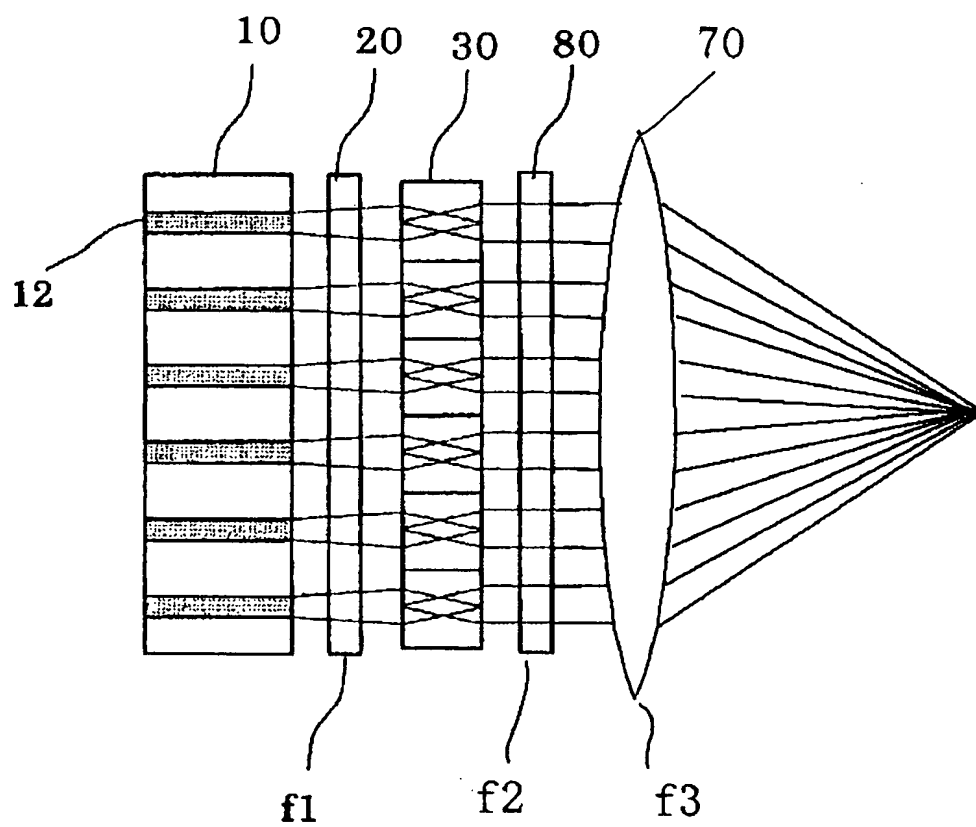


Fig.18

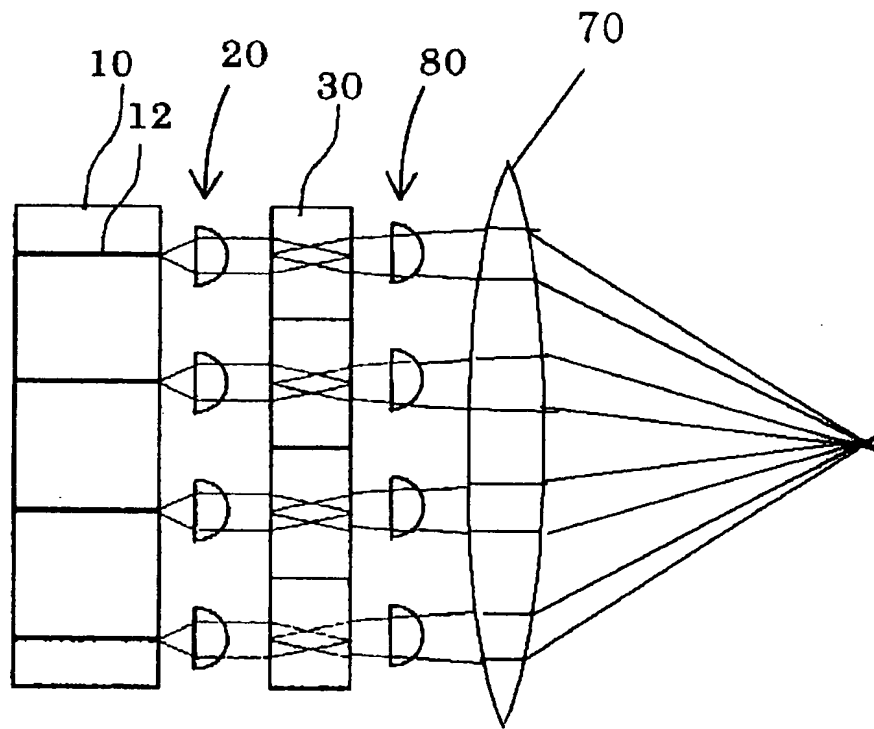
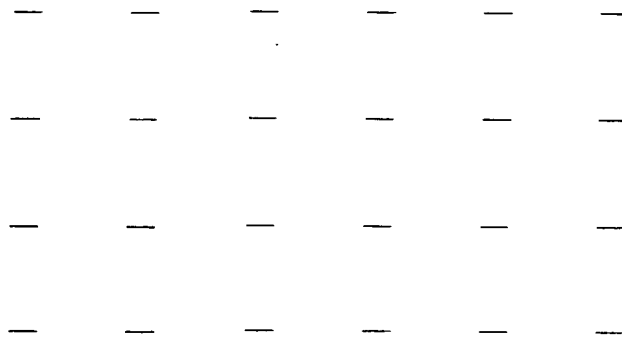
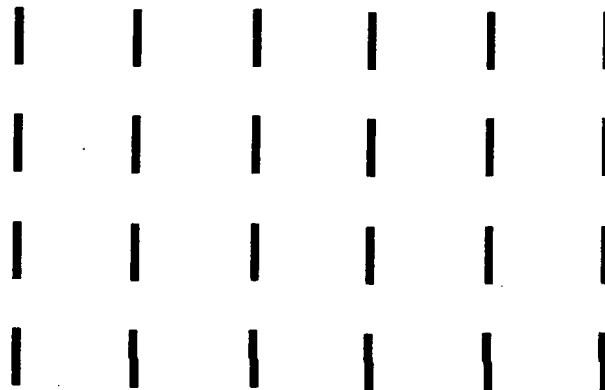


Fig.19

(a) OUTPUT BEAMS OF LASER DIODE STACK ARRAY



(b) BEAMS AFTER FIRST BEAM CONVERTER



(c) IMAGE FORMED BY CONDENSING LENS



Fig. 20

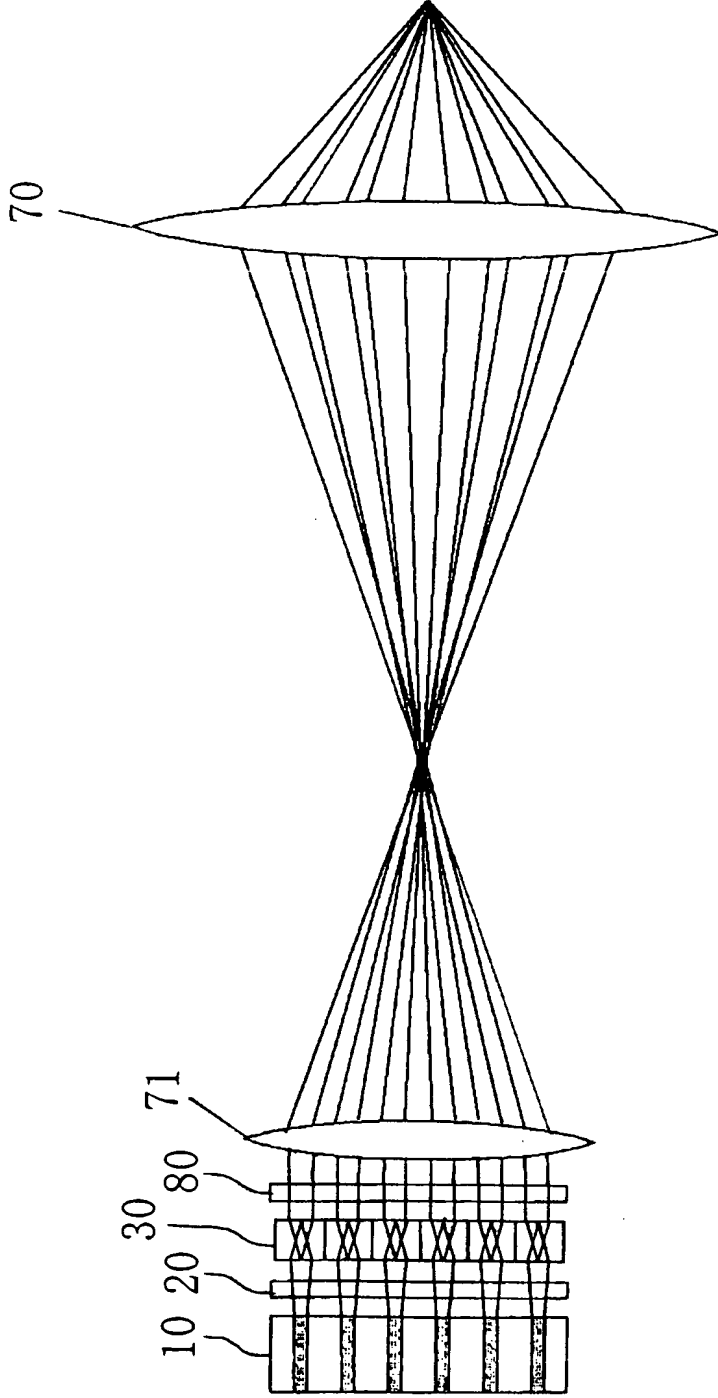


Fig. 21

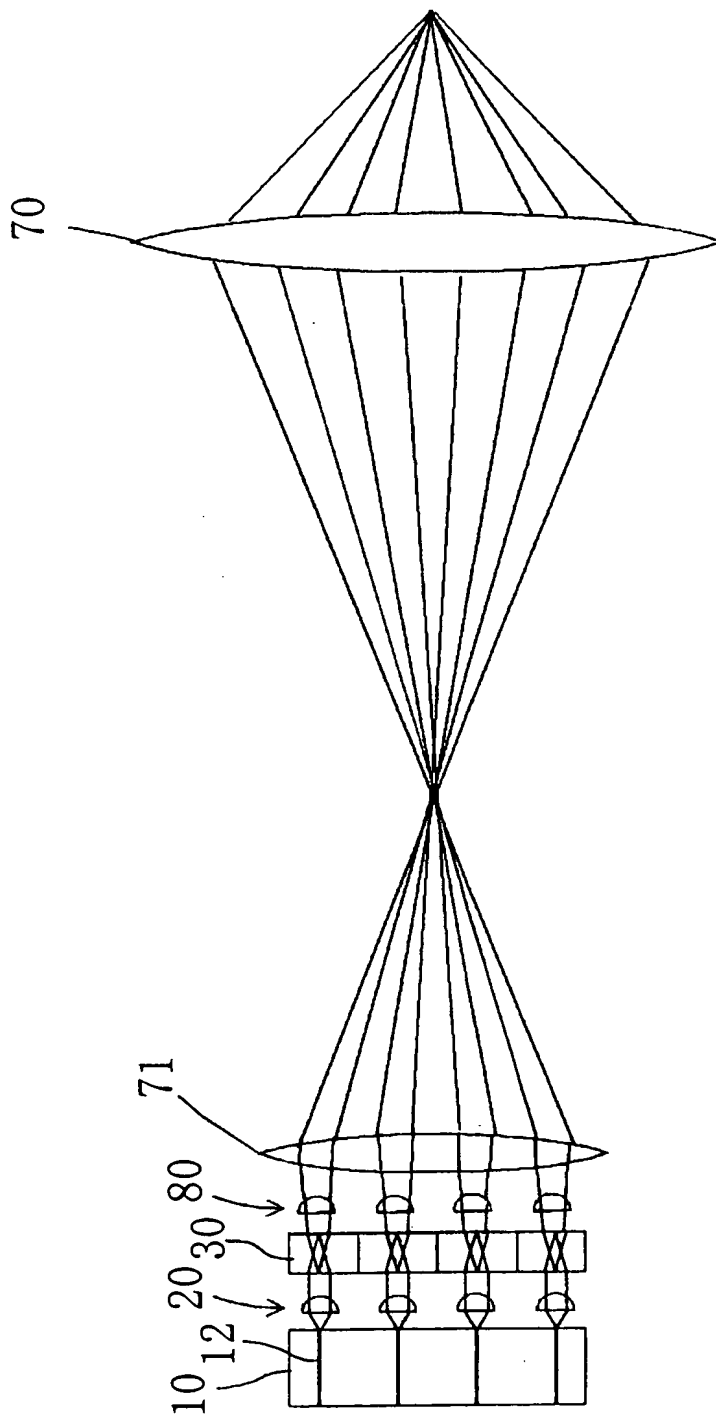


Fig. 22

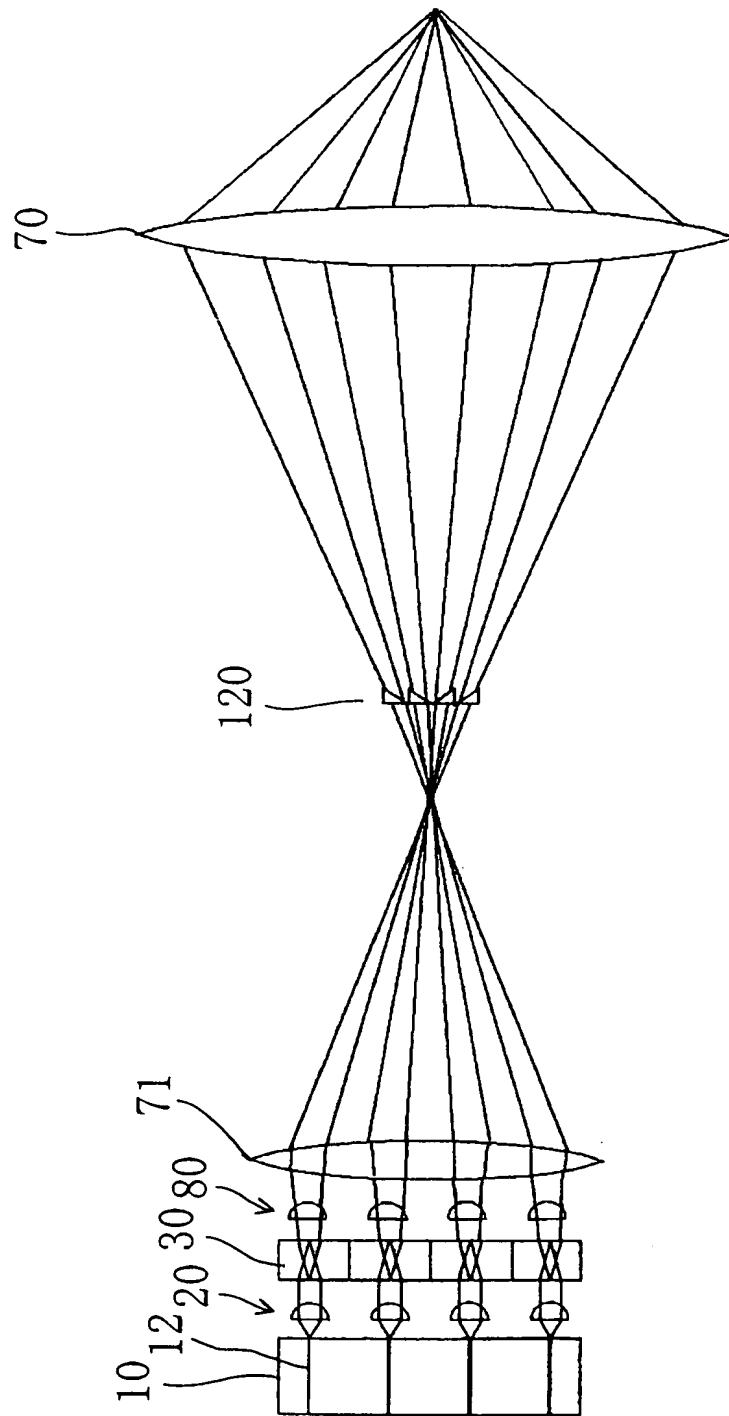


Fig. 23

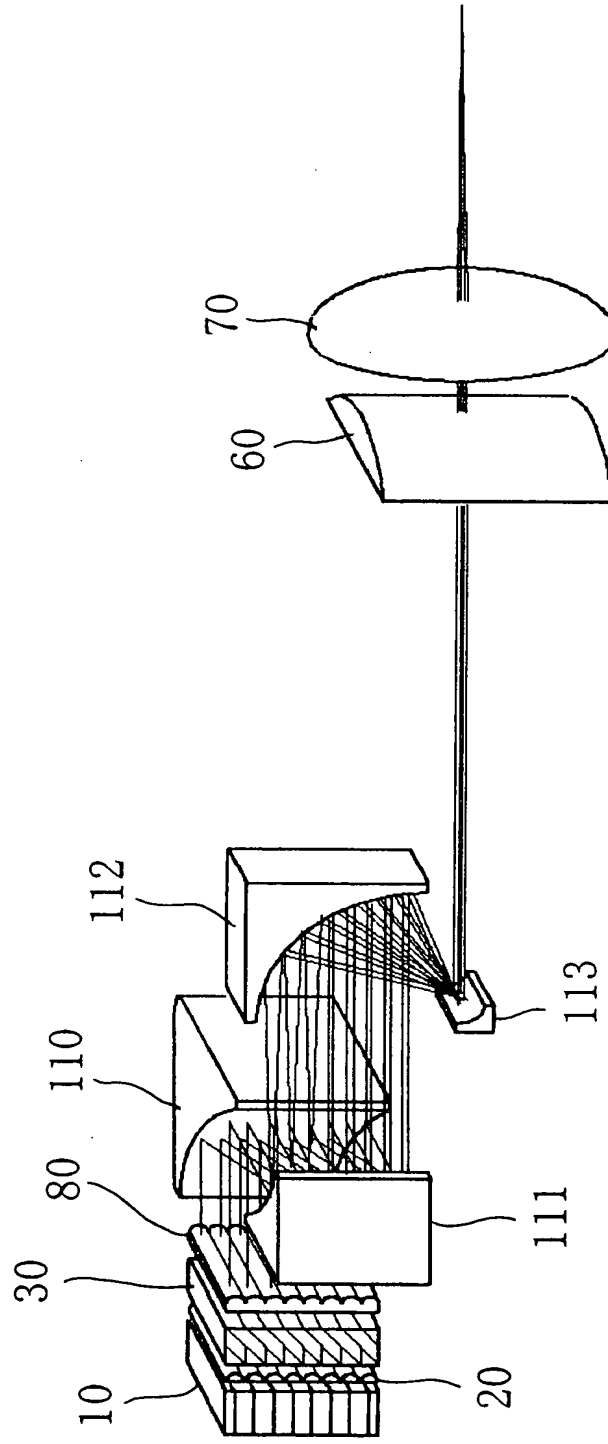


Fig. 24

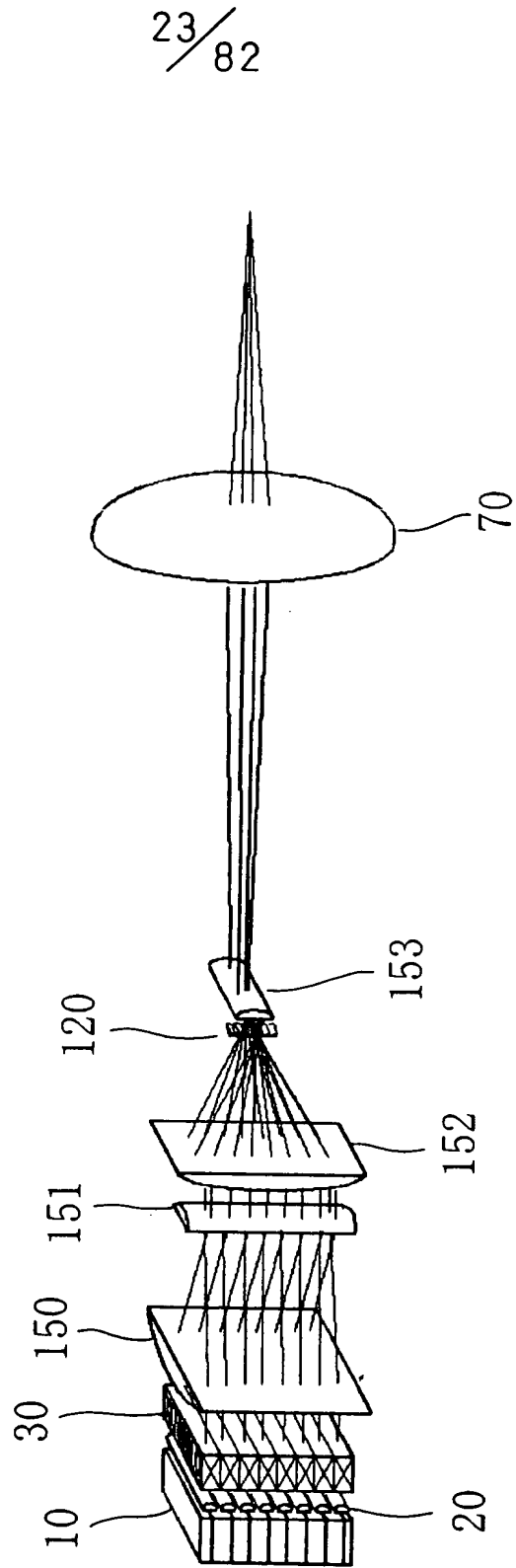


Fig. 25

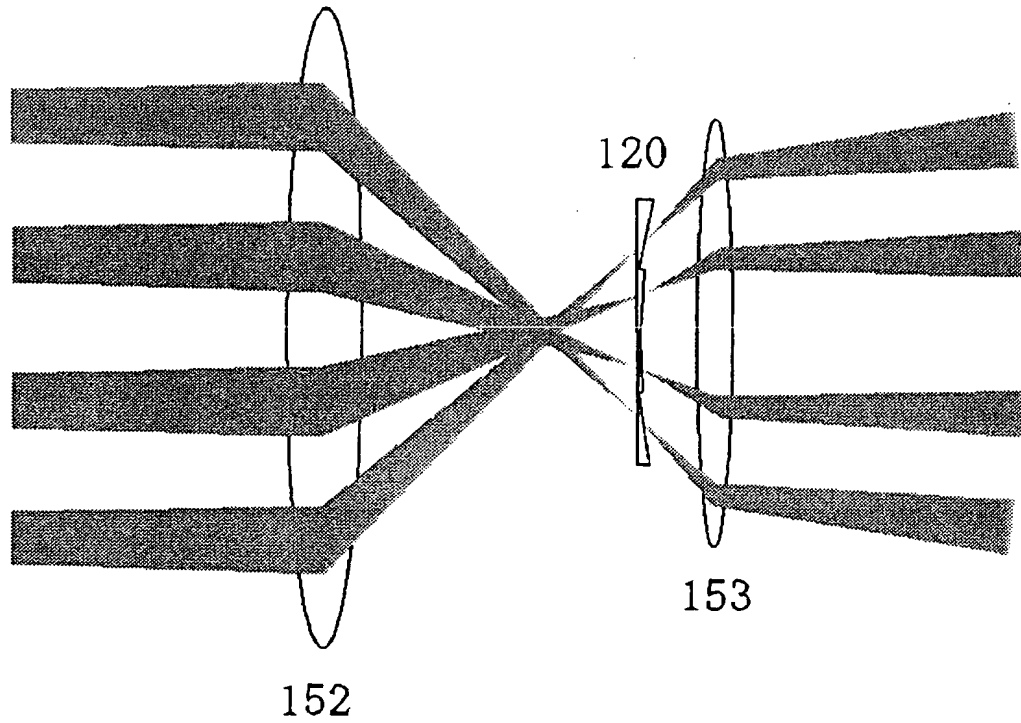


Fig. 26

(a) AFTER SECOND TELESCOPE



(b) IMAGE AFTER CONDENSING LENS



Fig. 27

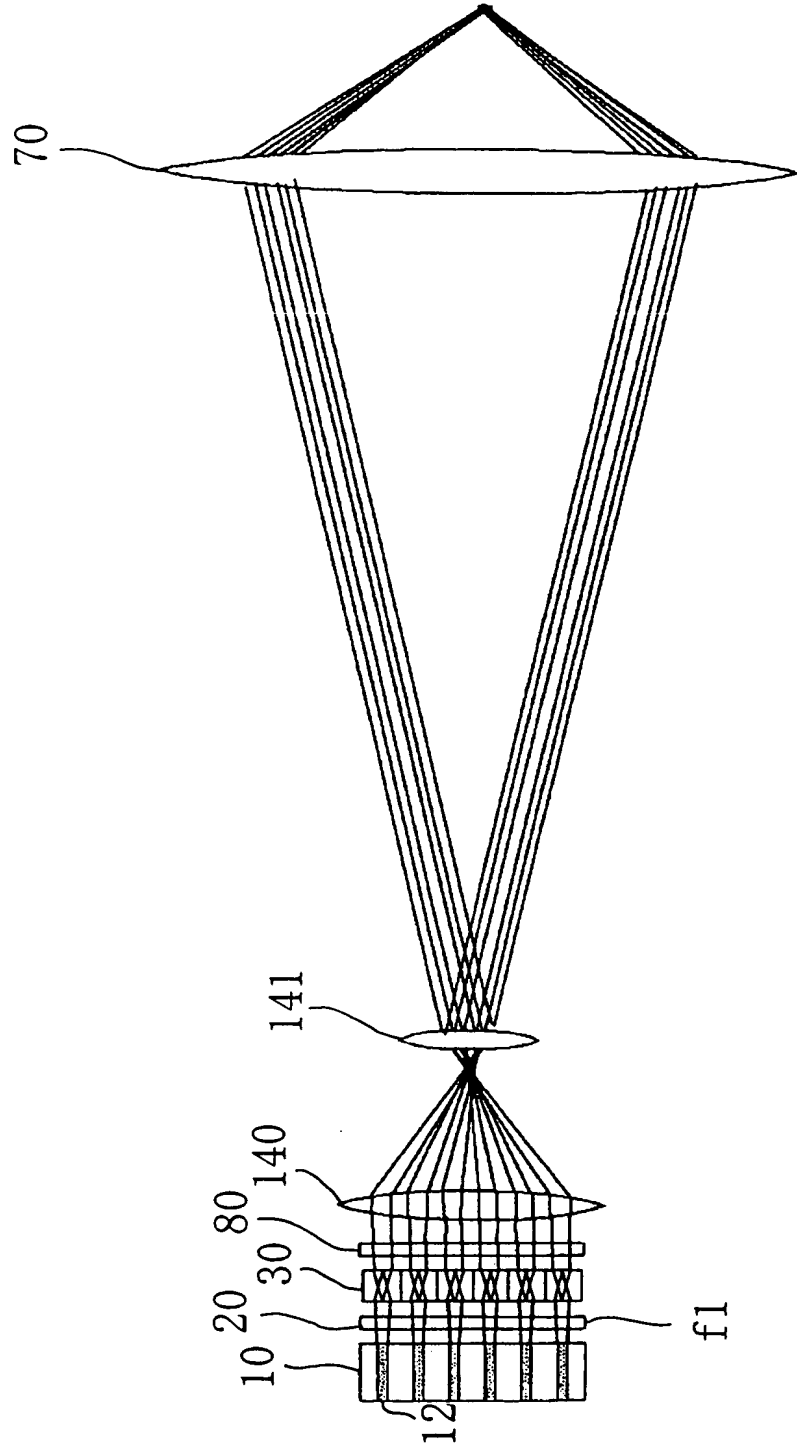
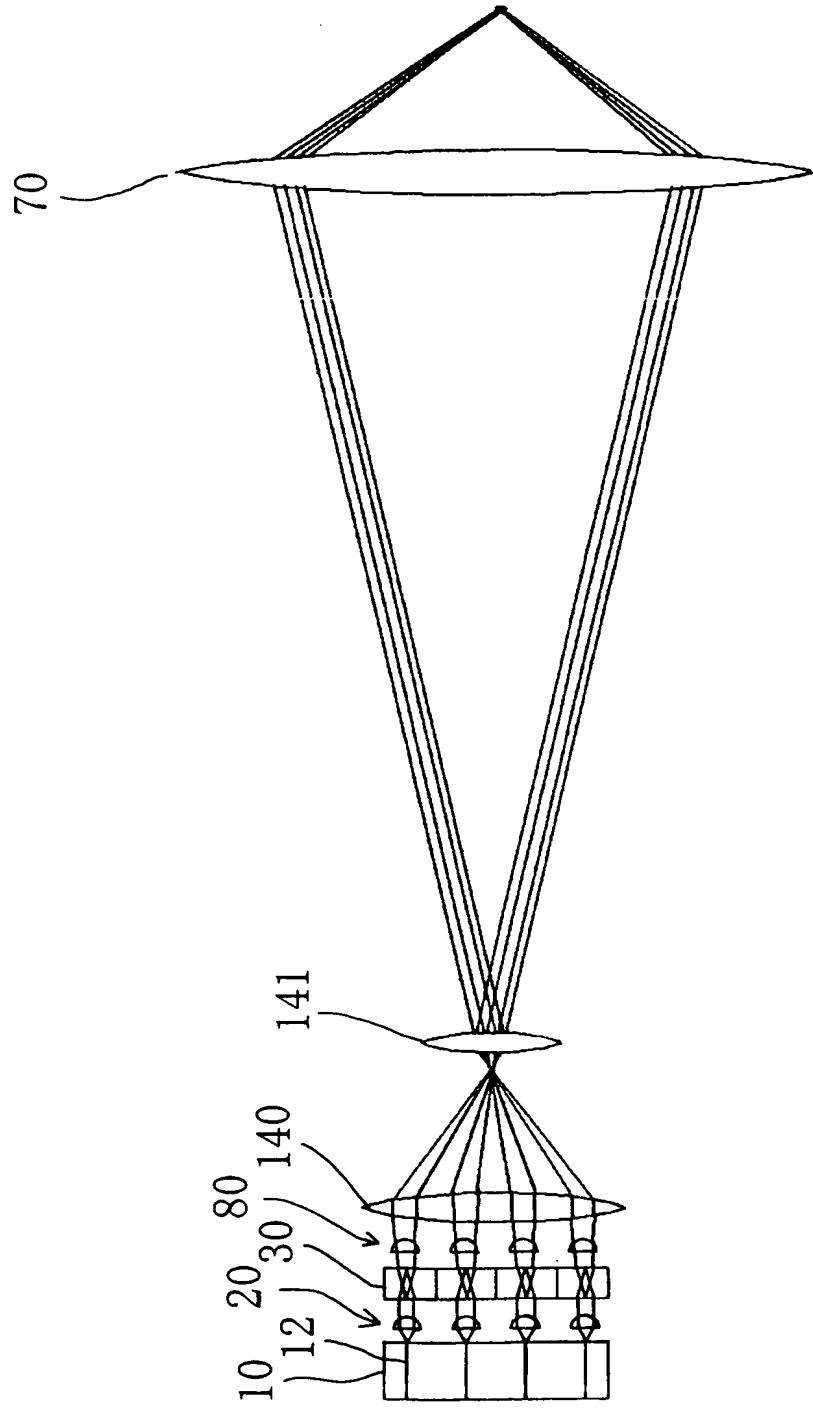


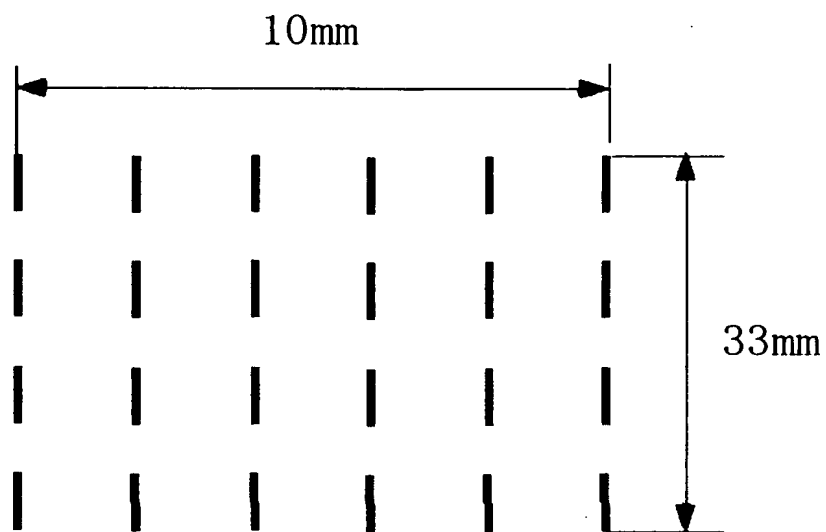
Fig. 28



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Fig. 29

(a) BEFORE TELESCOPE



(b) AFTER TELESCOPE

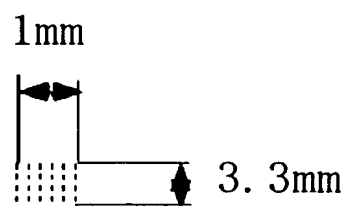


Fig.30

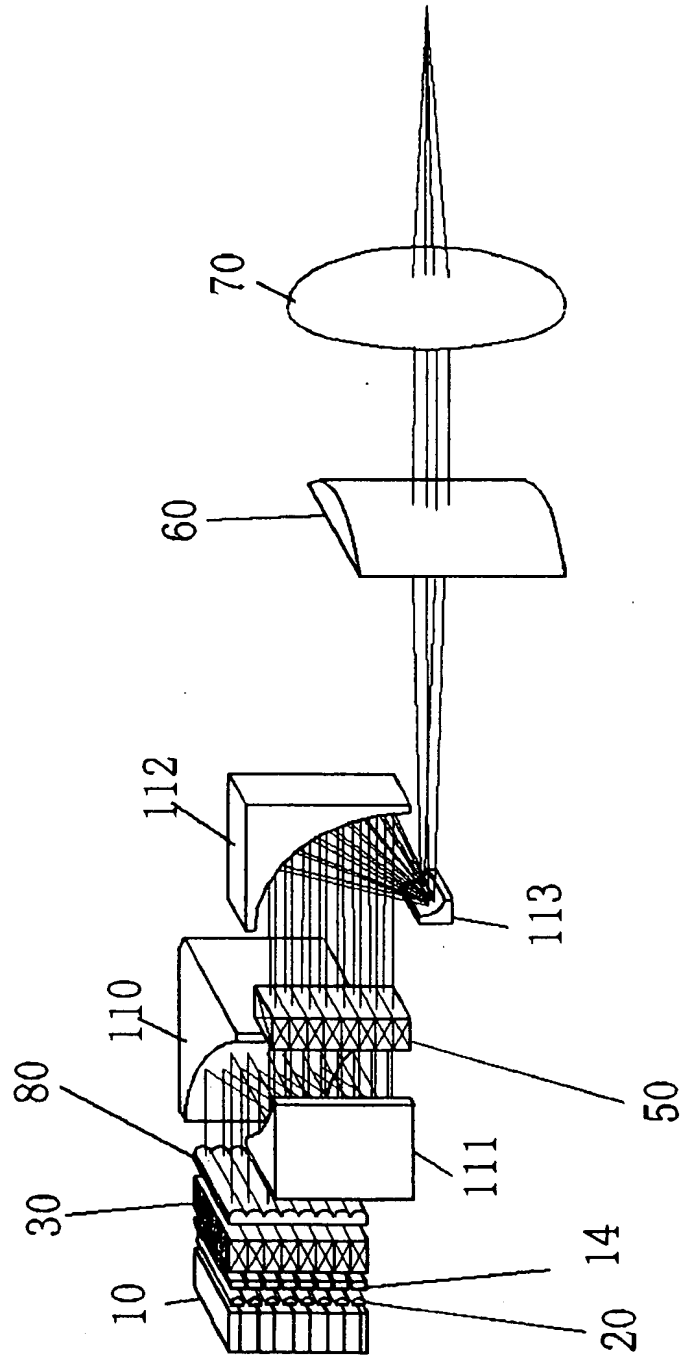


Fig.31

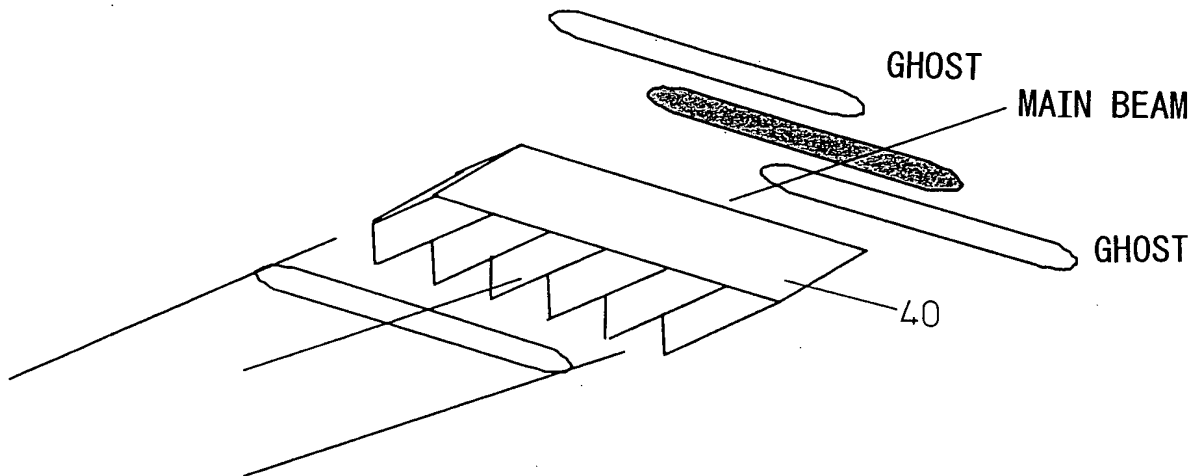


Fig. 32

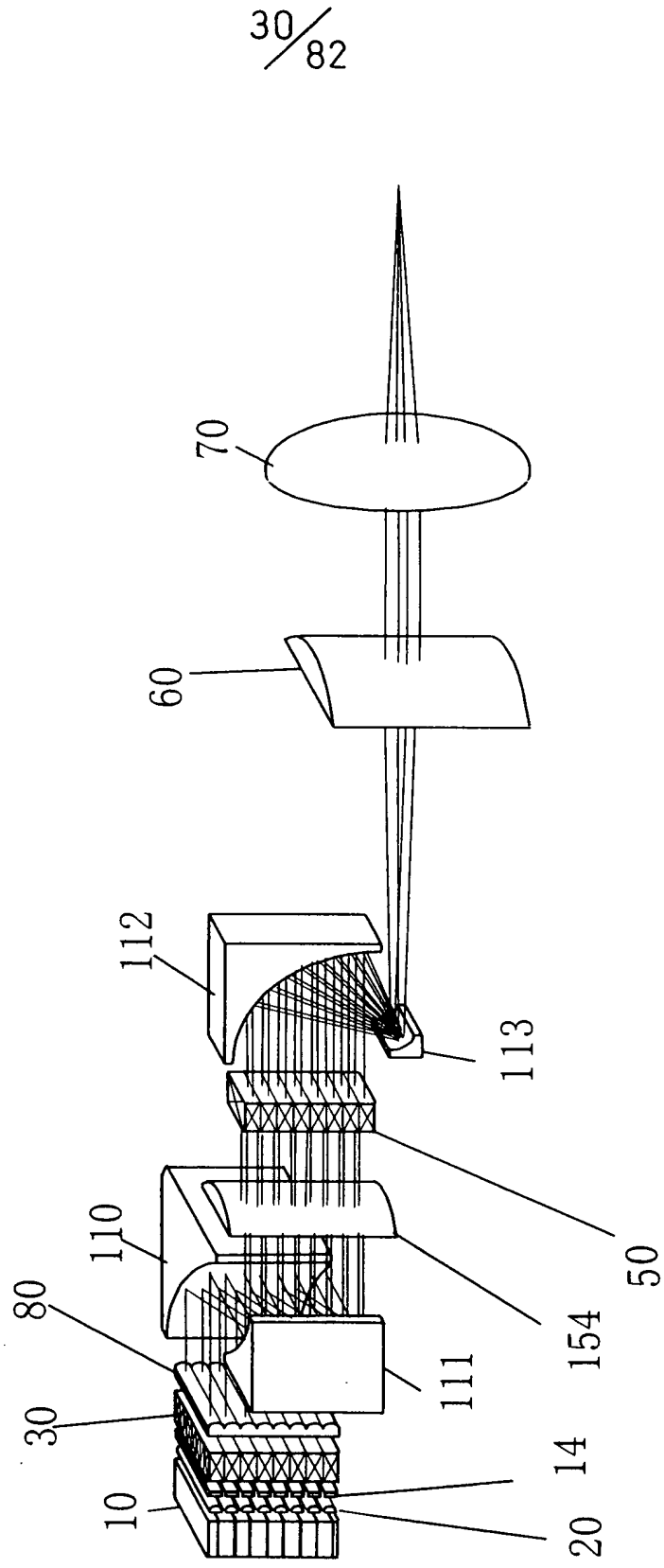


Fig. 33

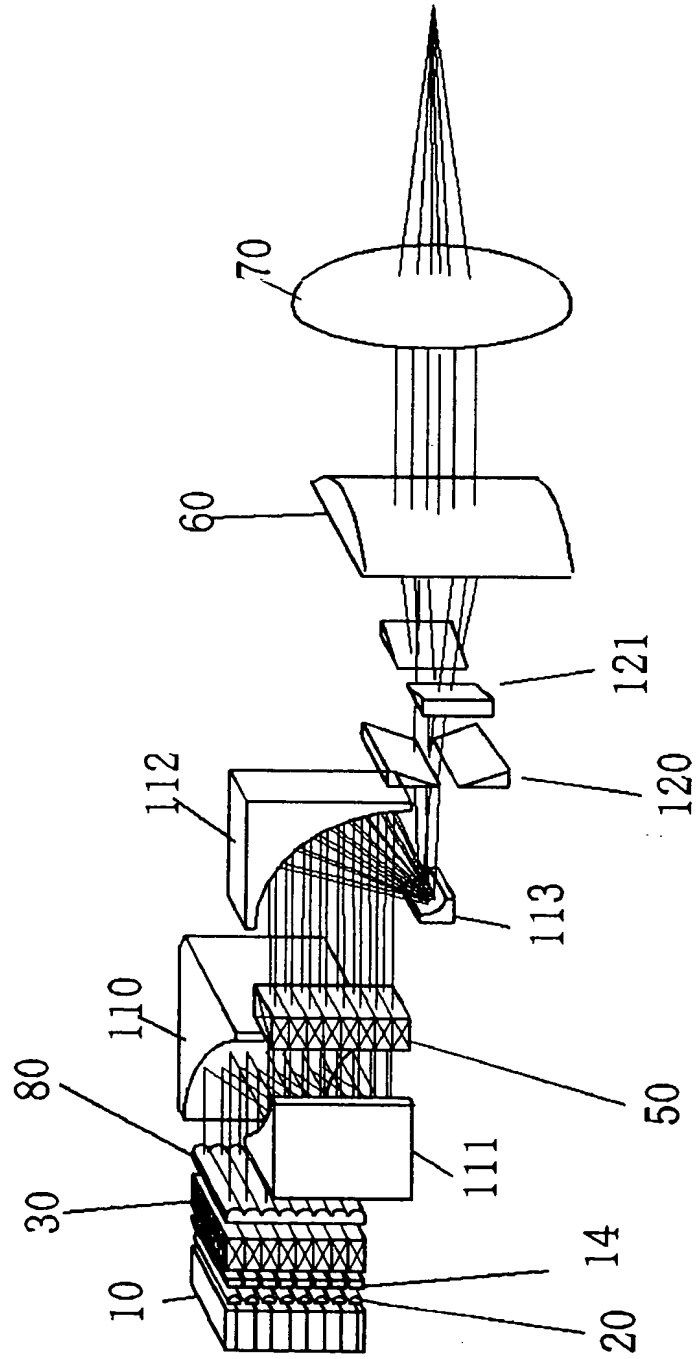


Fig.34

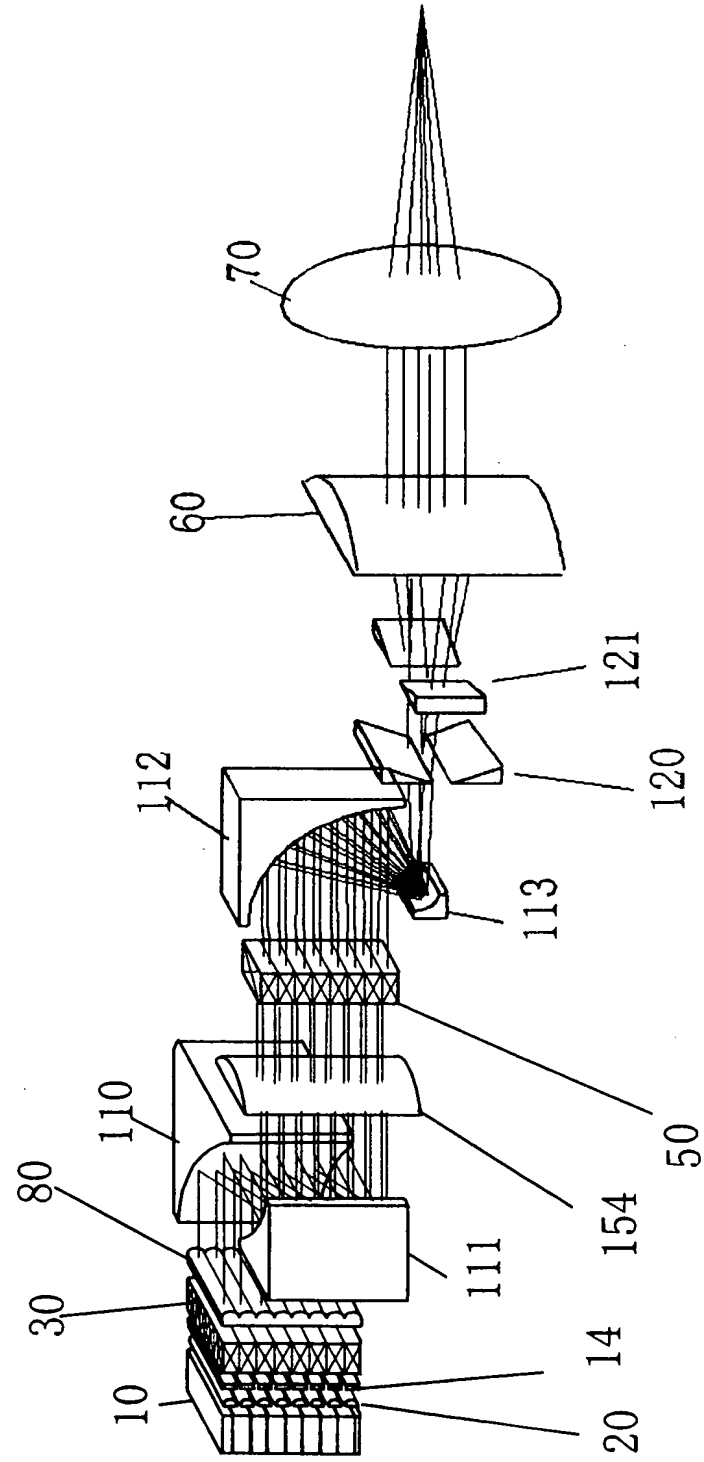
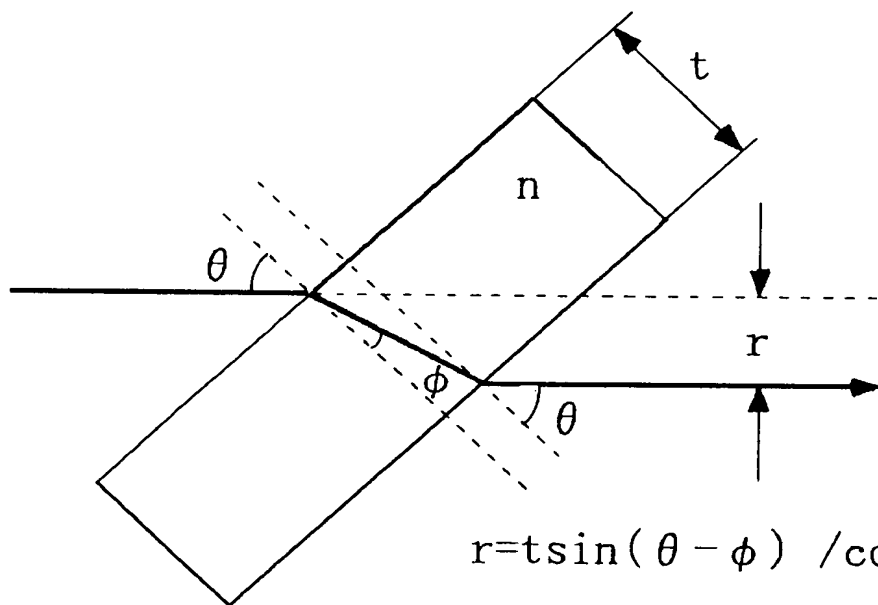


Fig.35



$$r = t \sin(\theta - \phi) / \cos(\phi)$$

$$\phi = \sin^{-1}(\sin(\theta) / n)$$

Fig. 36

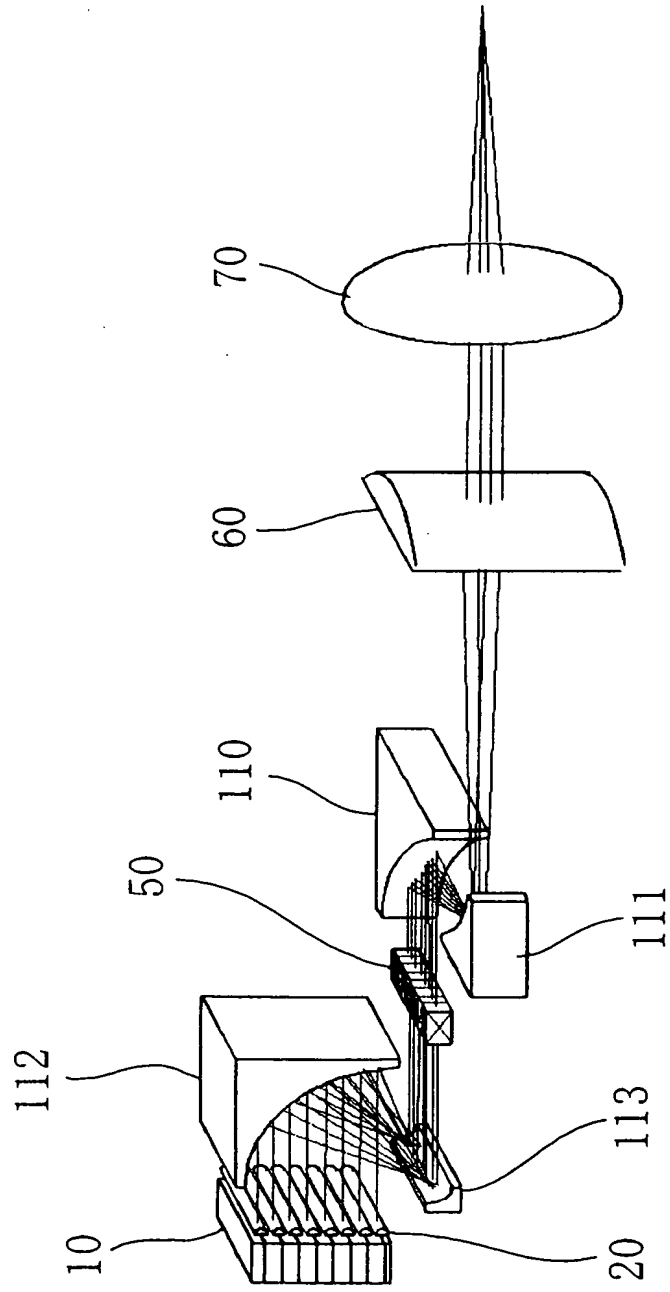
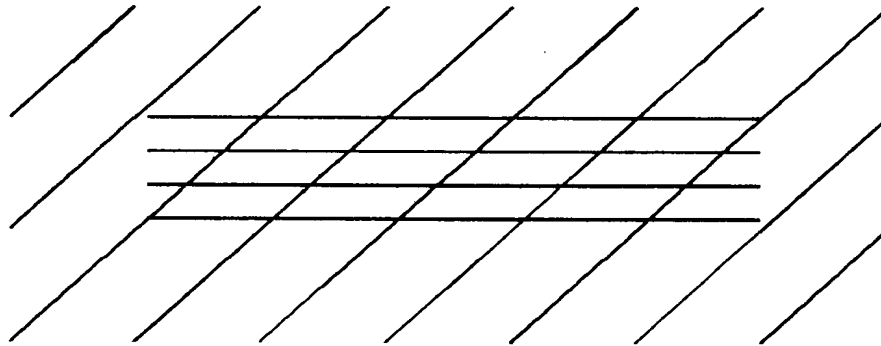


Fig.37

(a) BEFORE SECOND BEAM CONVERTER



(b) AFTER SECOND BEAM CONVERTER

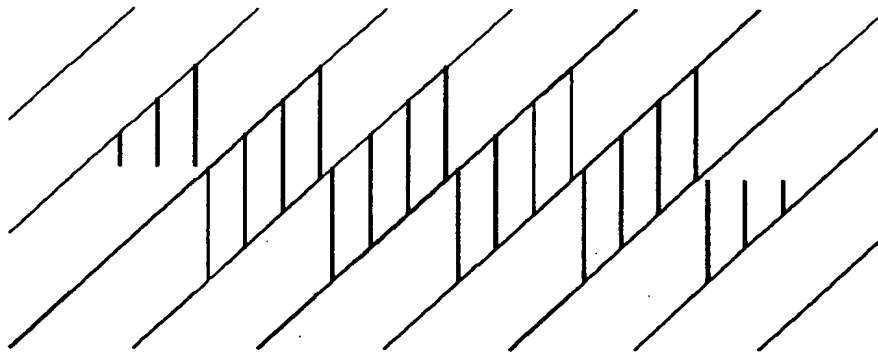


Fig.38

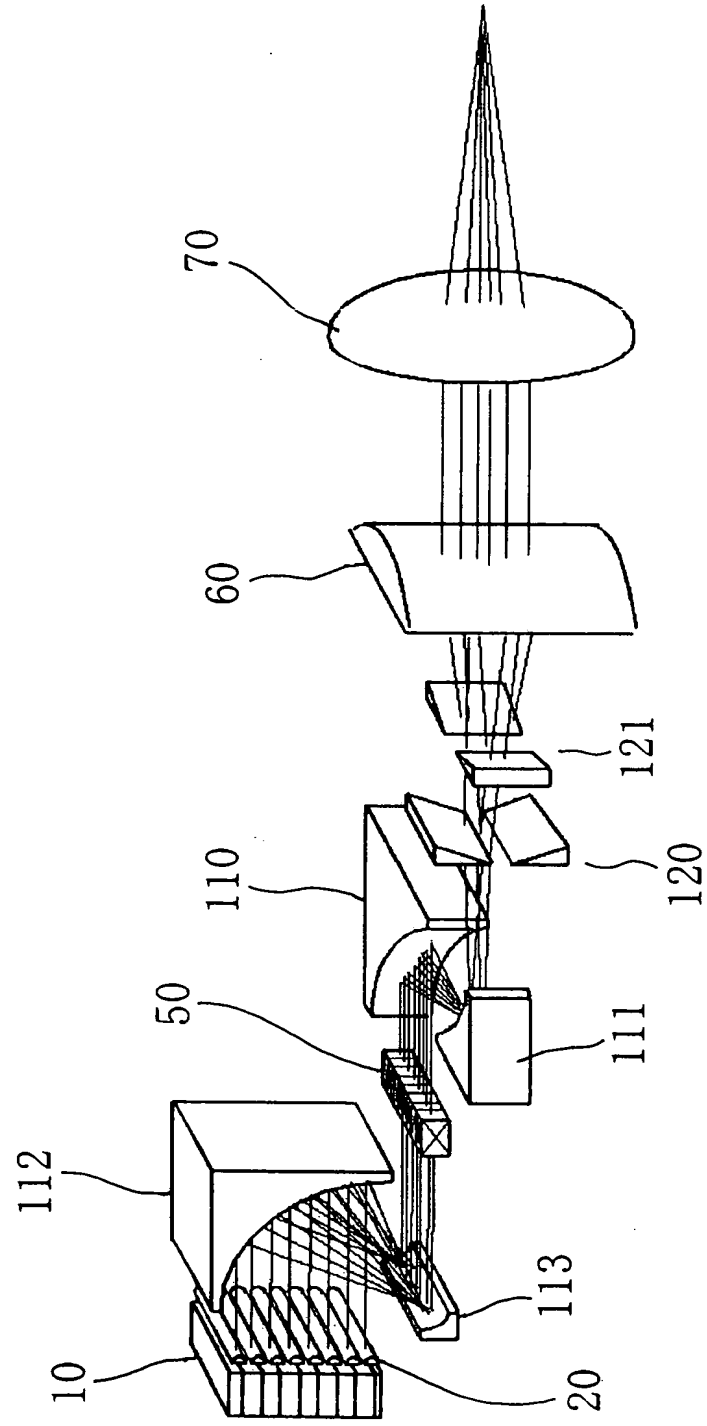


Fig. 39

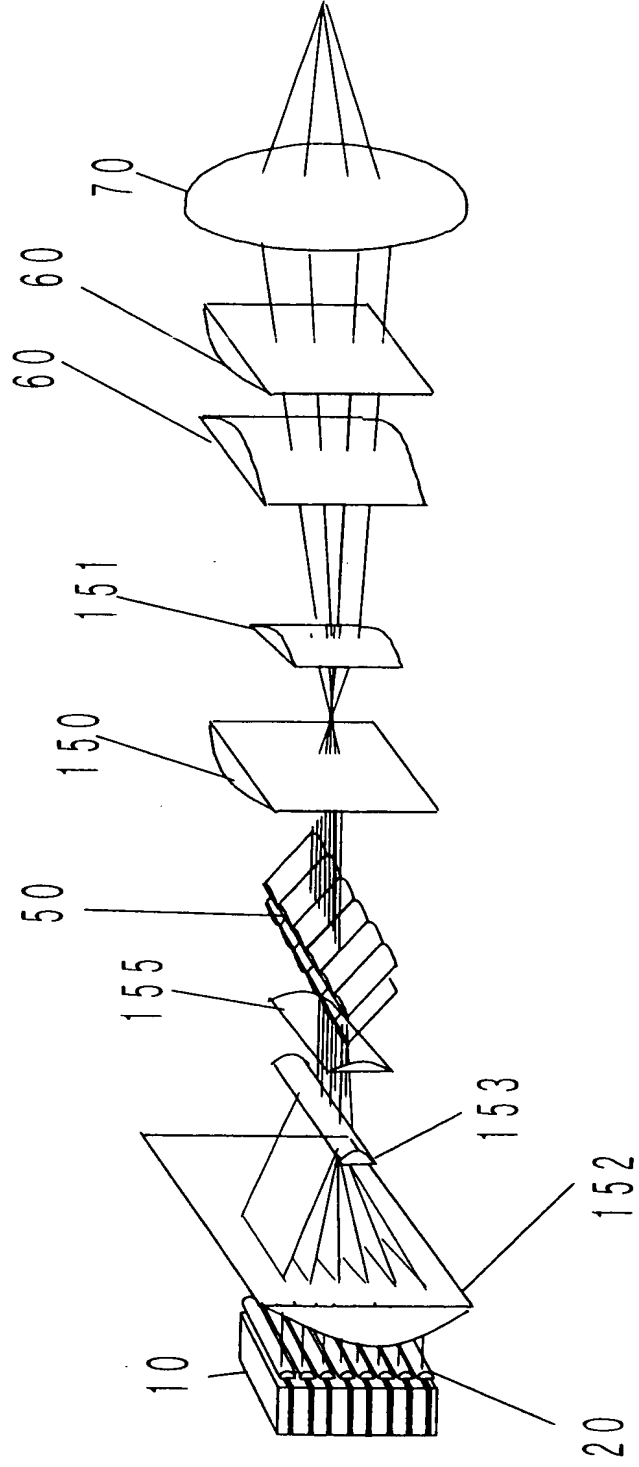


Fig. 40

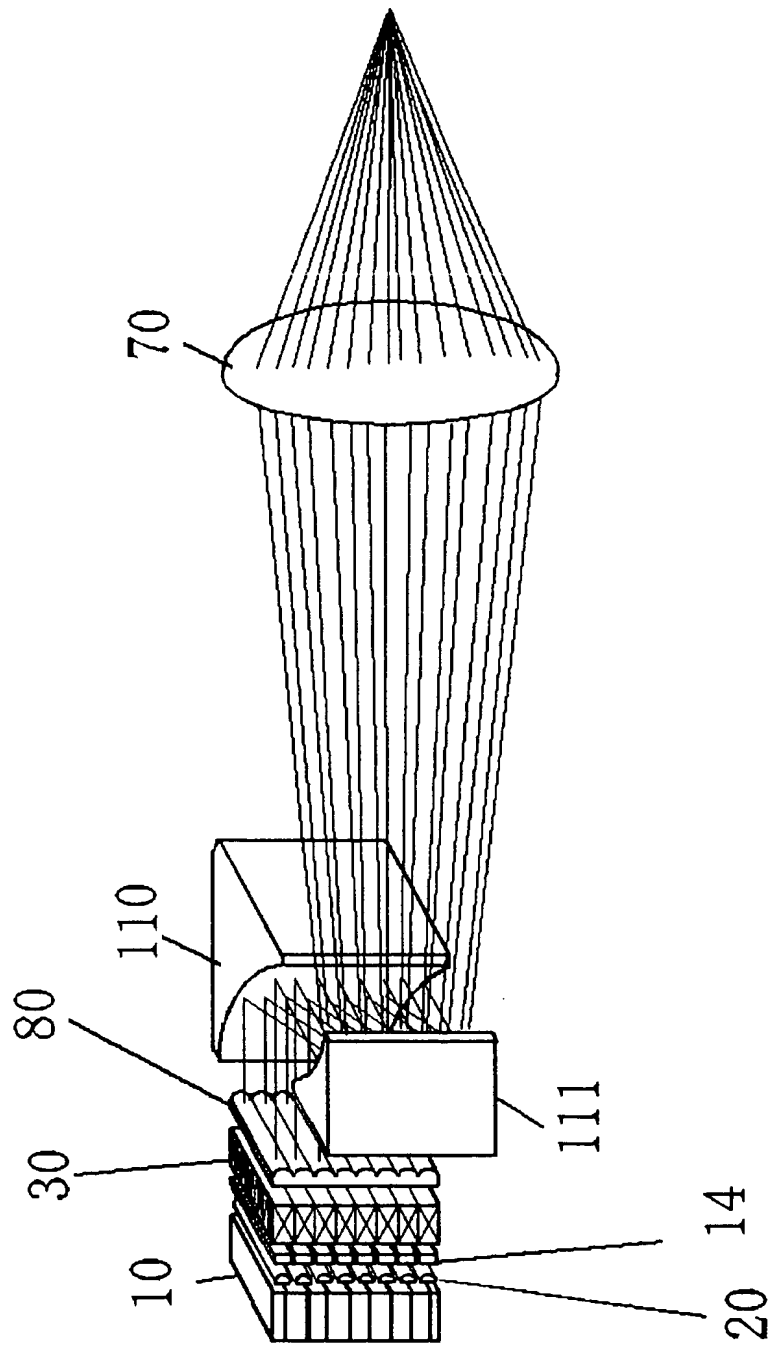


Fig. 41

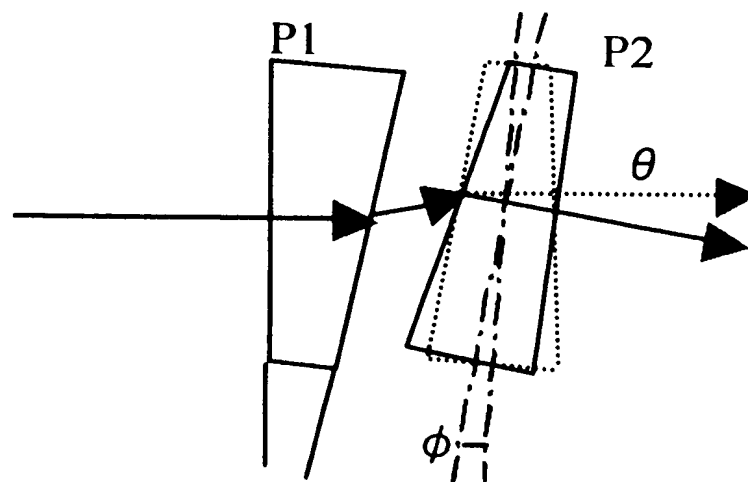


Fig. 42

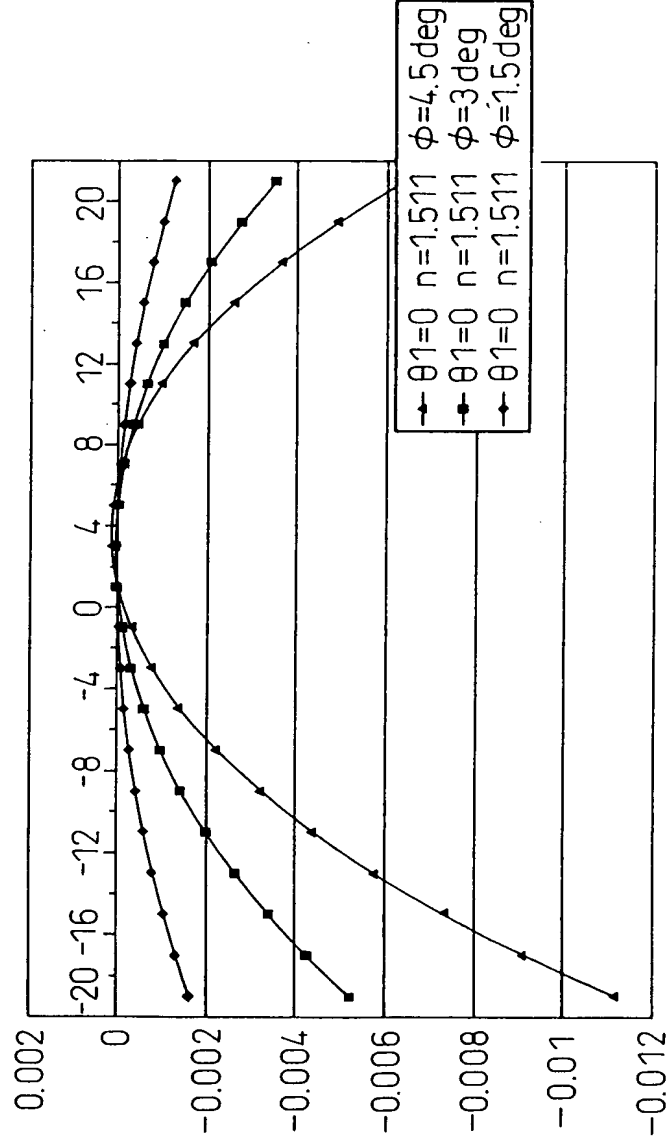


Fig. 43

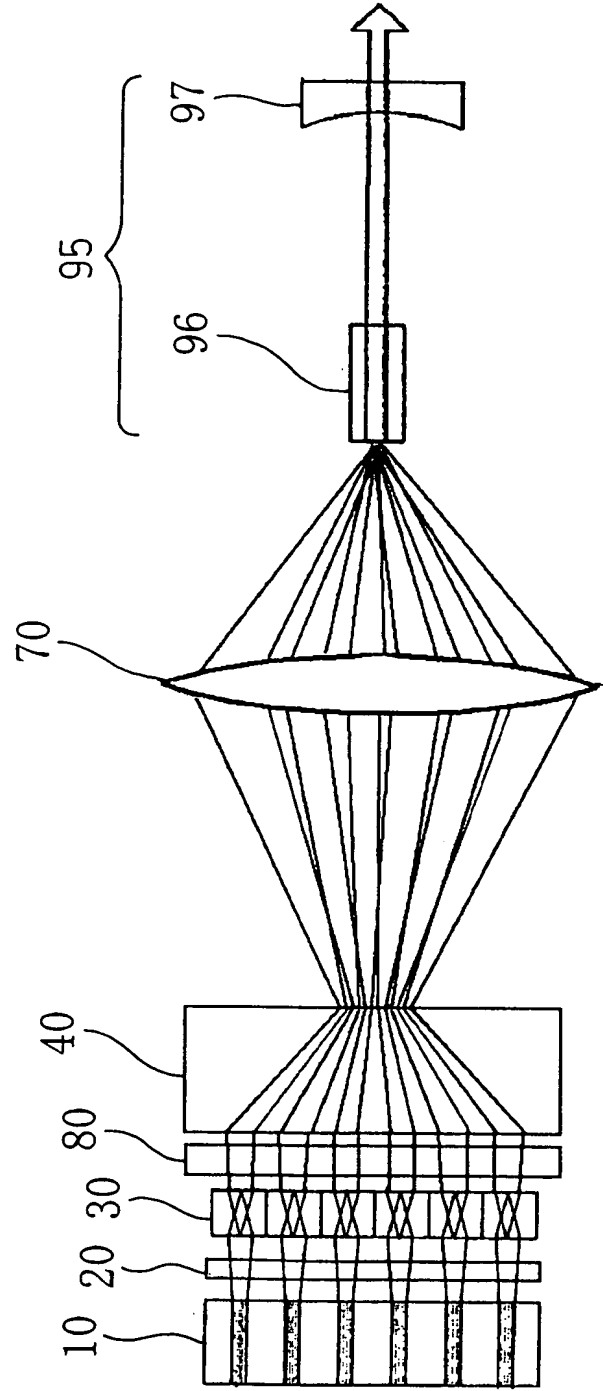


Fig. 44

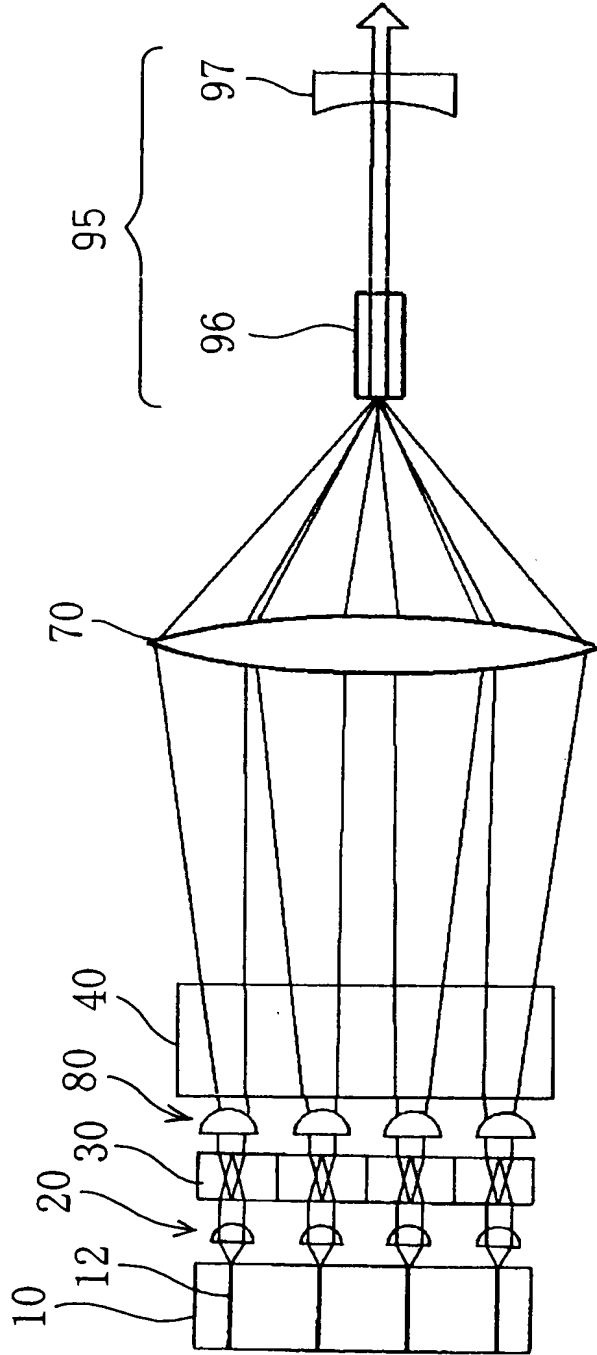


Fig. 45

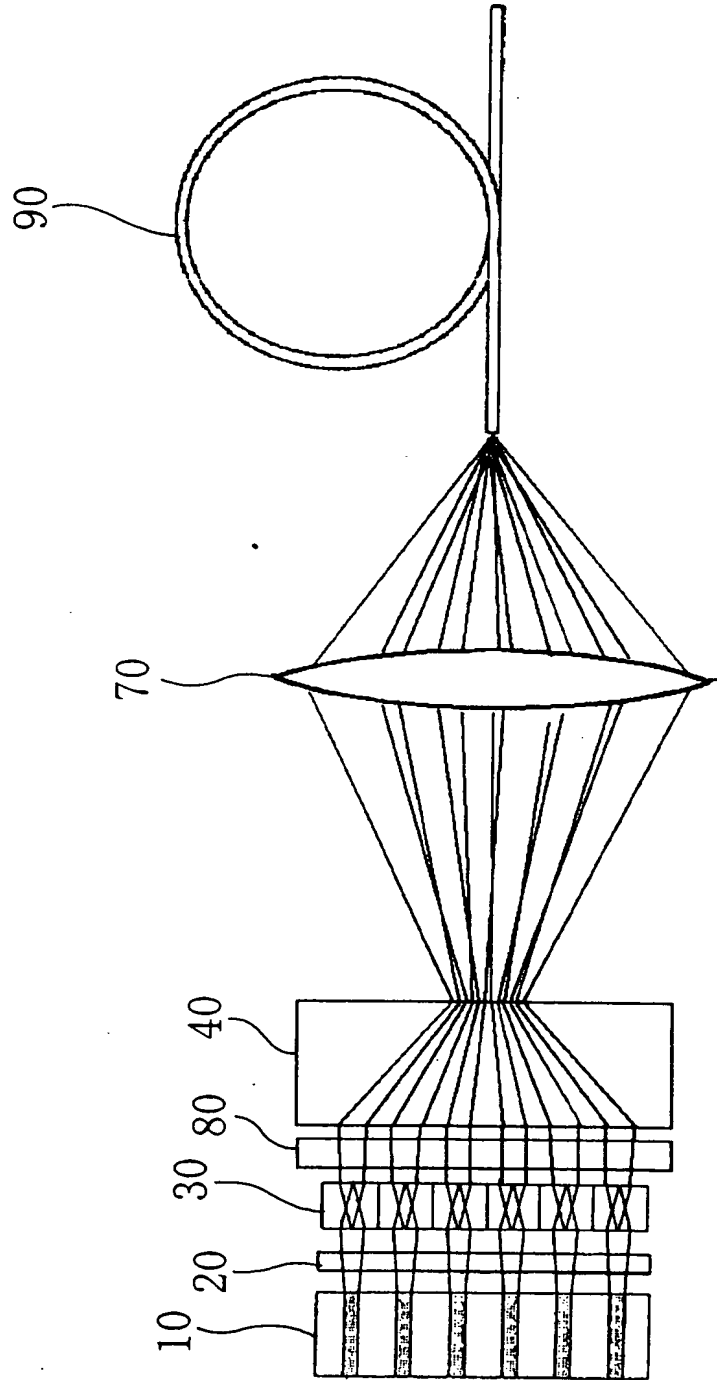


Fig. 46

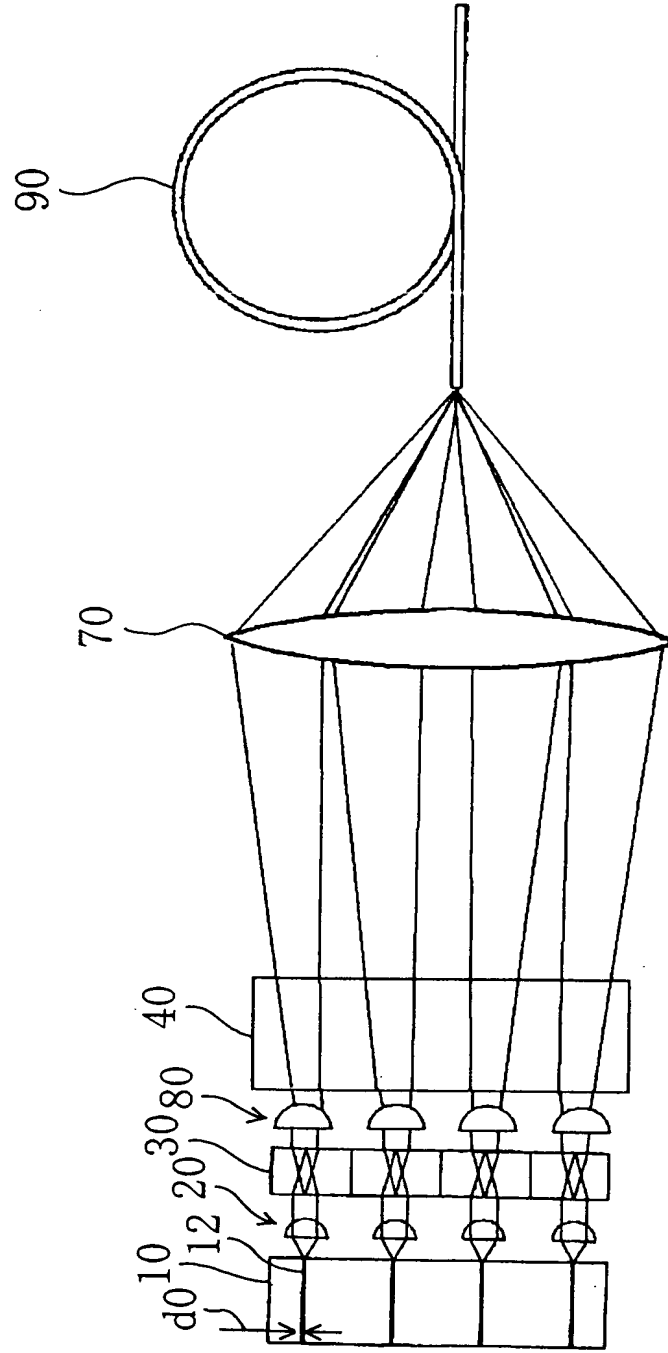


Fig. 47

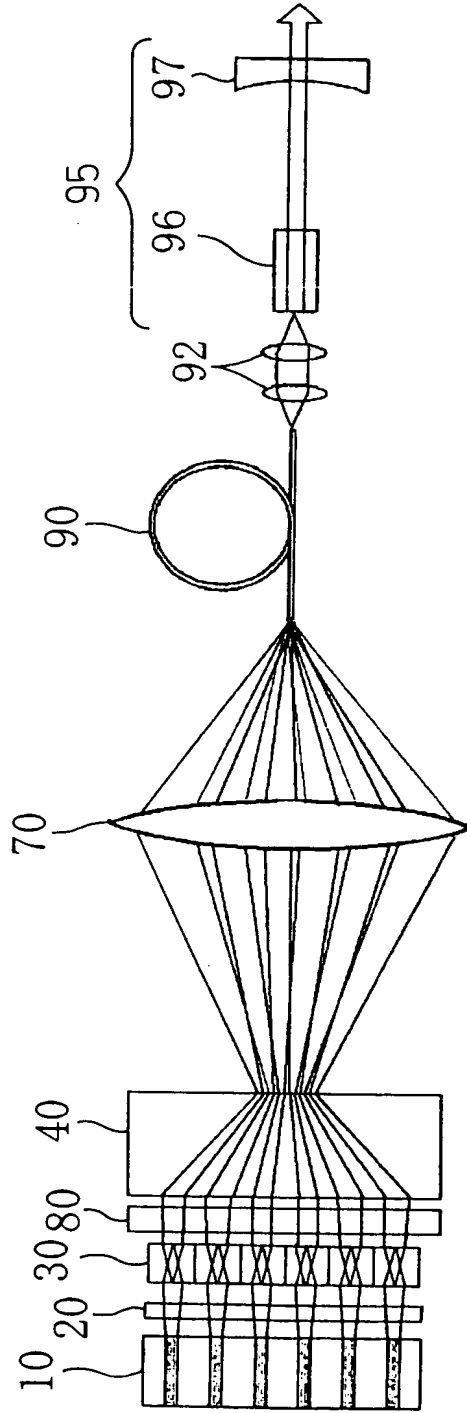


Fig. 48

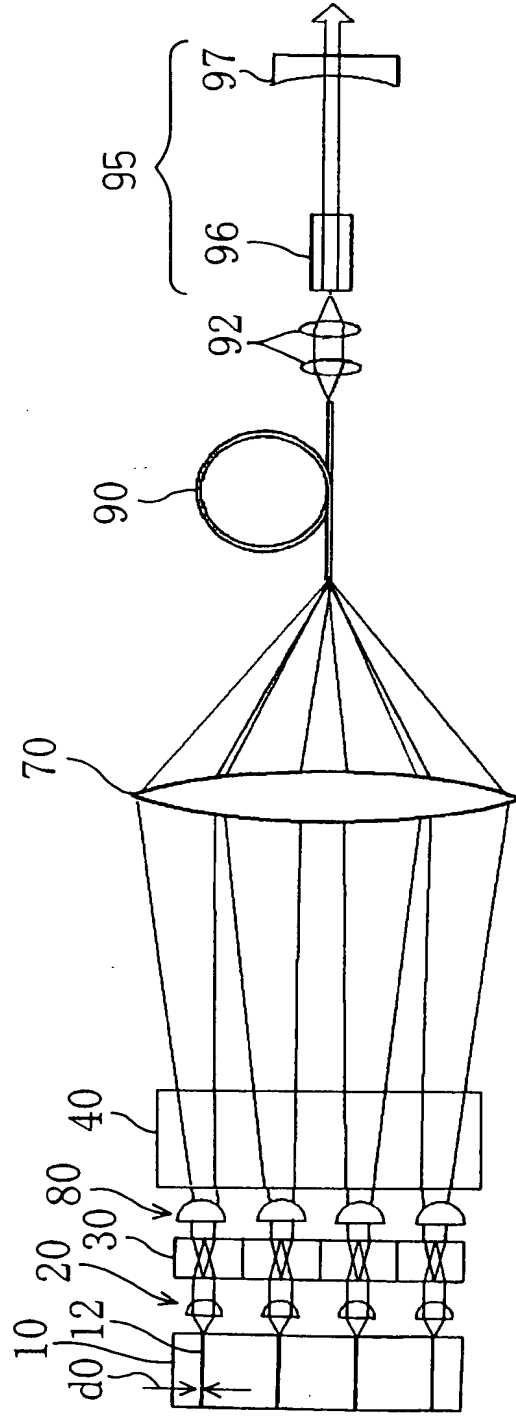


Fig. 49

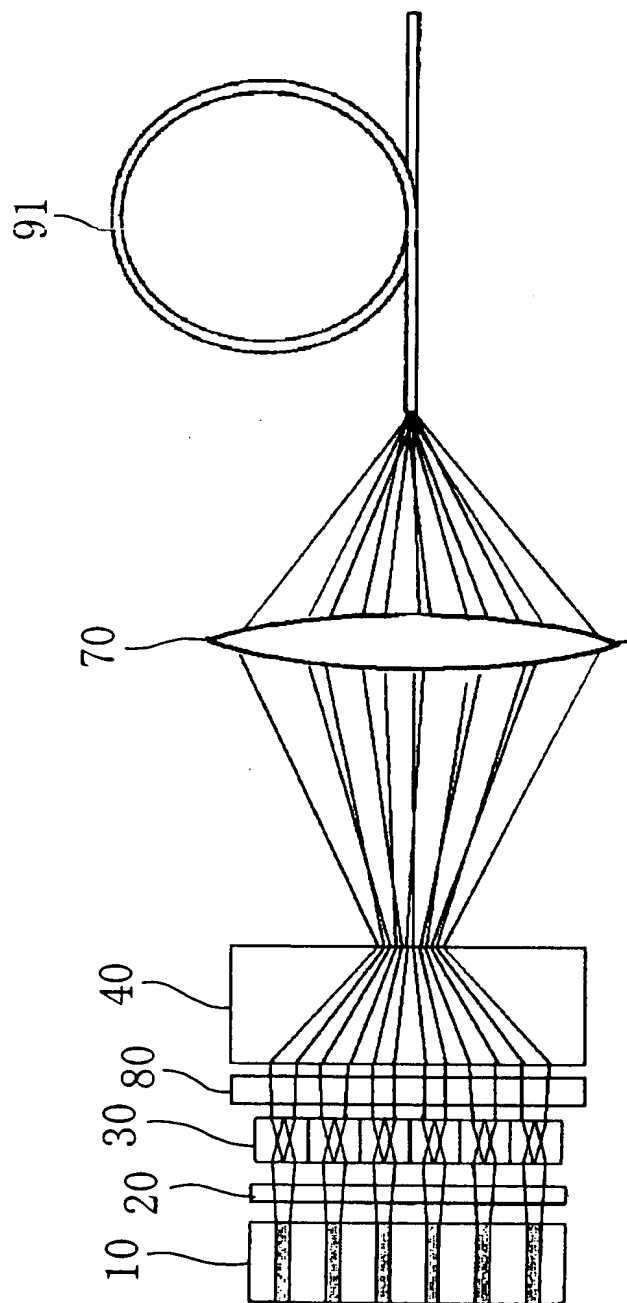


Fig. 50

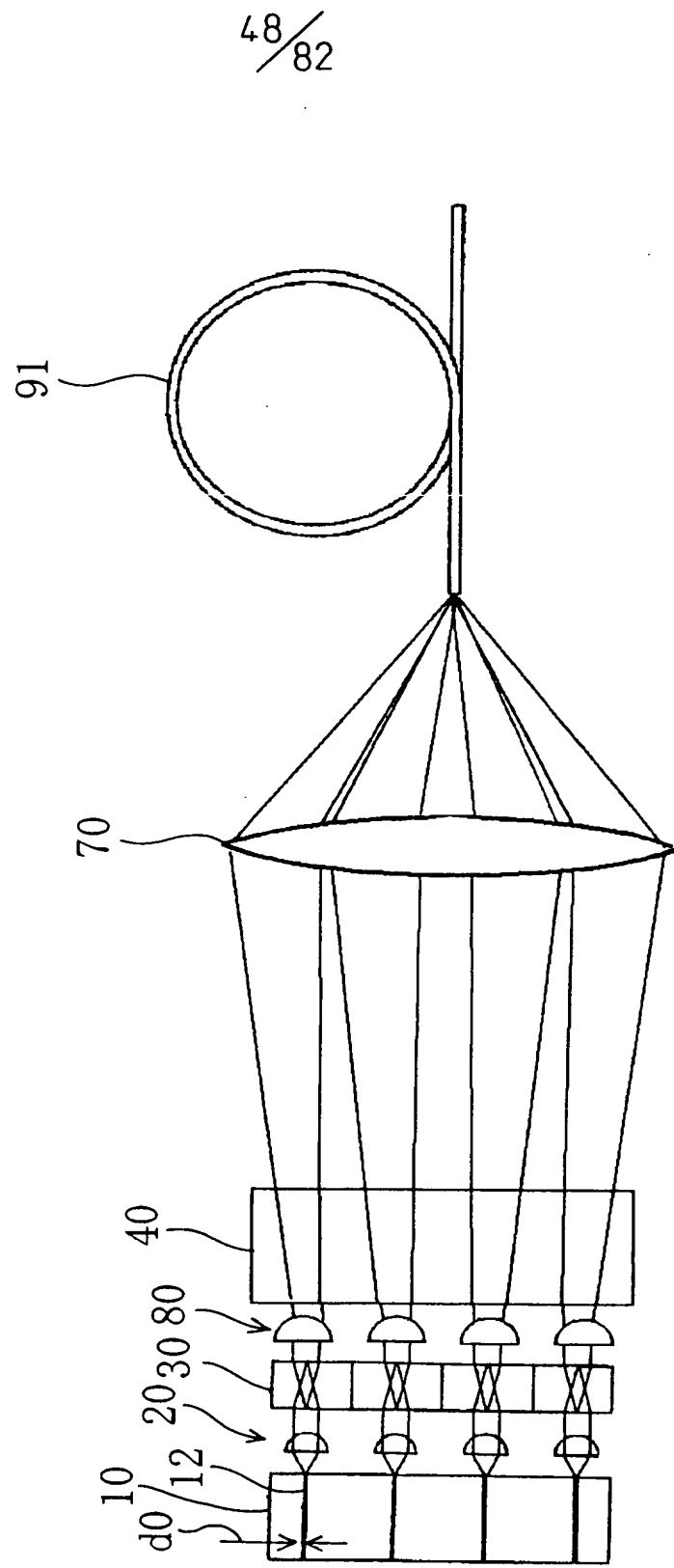
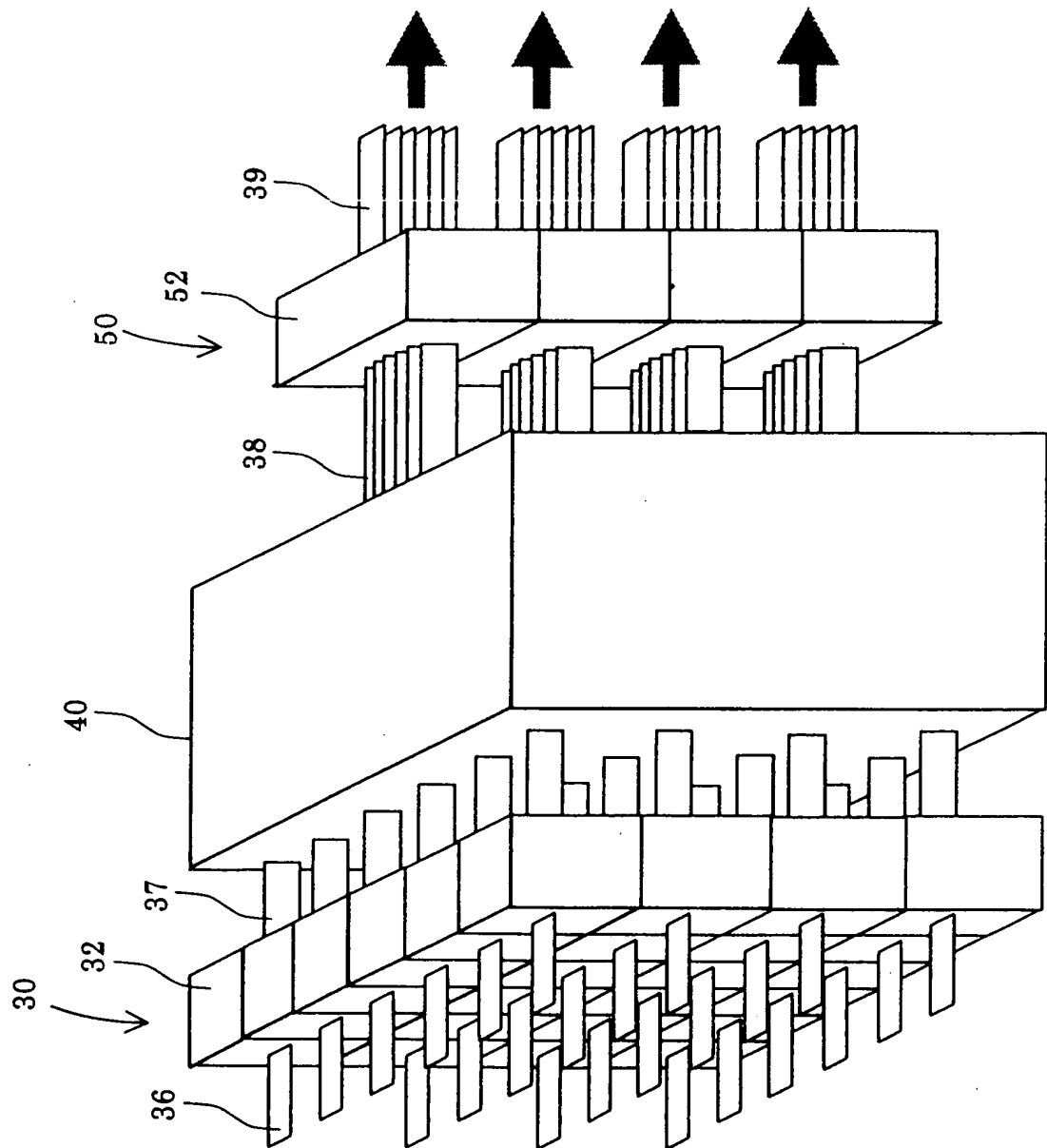
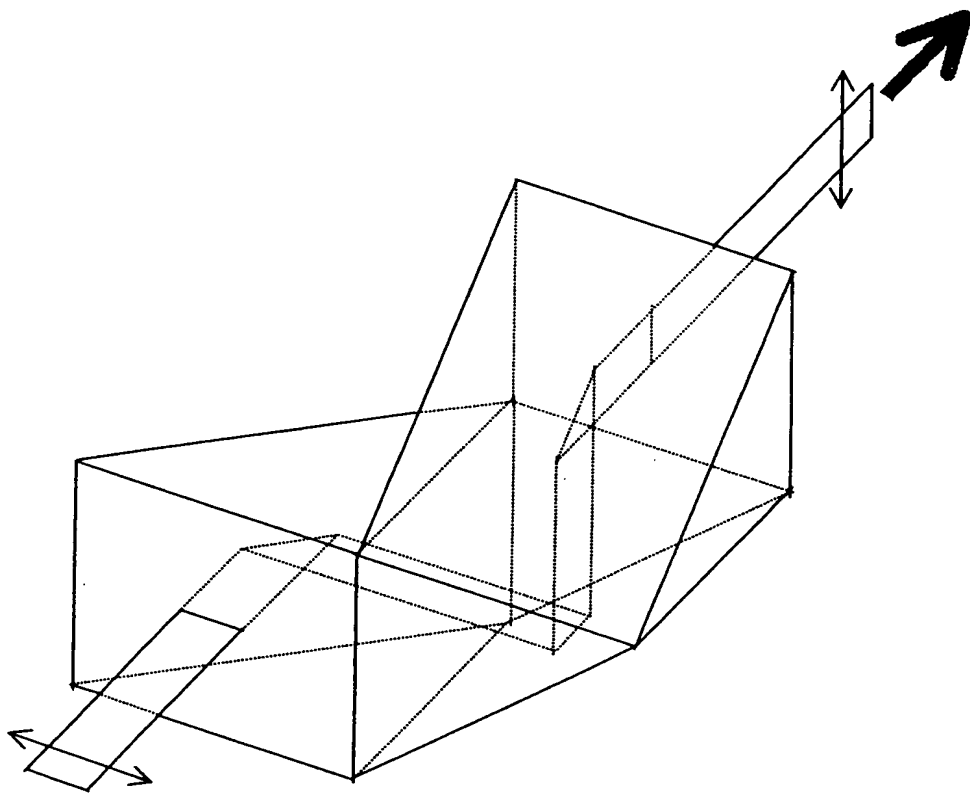


Fig. 51



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Fig. 52



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Fig. 53

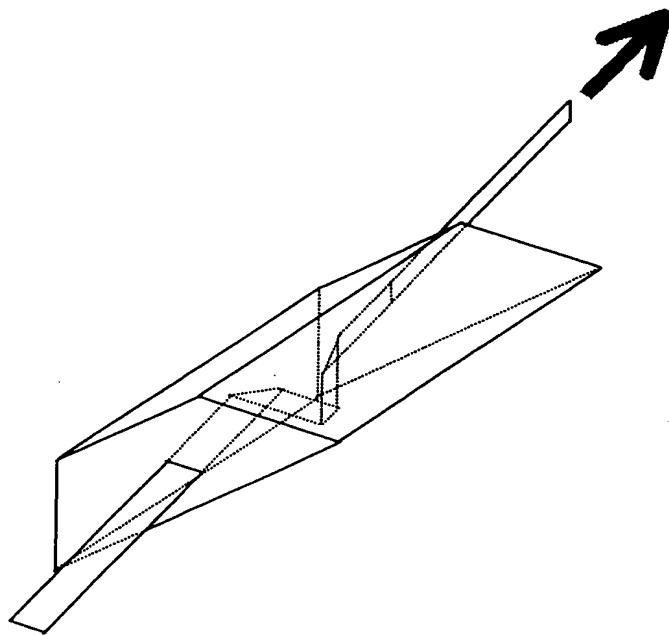


Fig.54

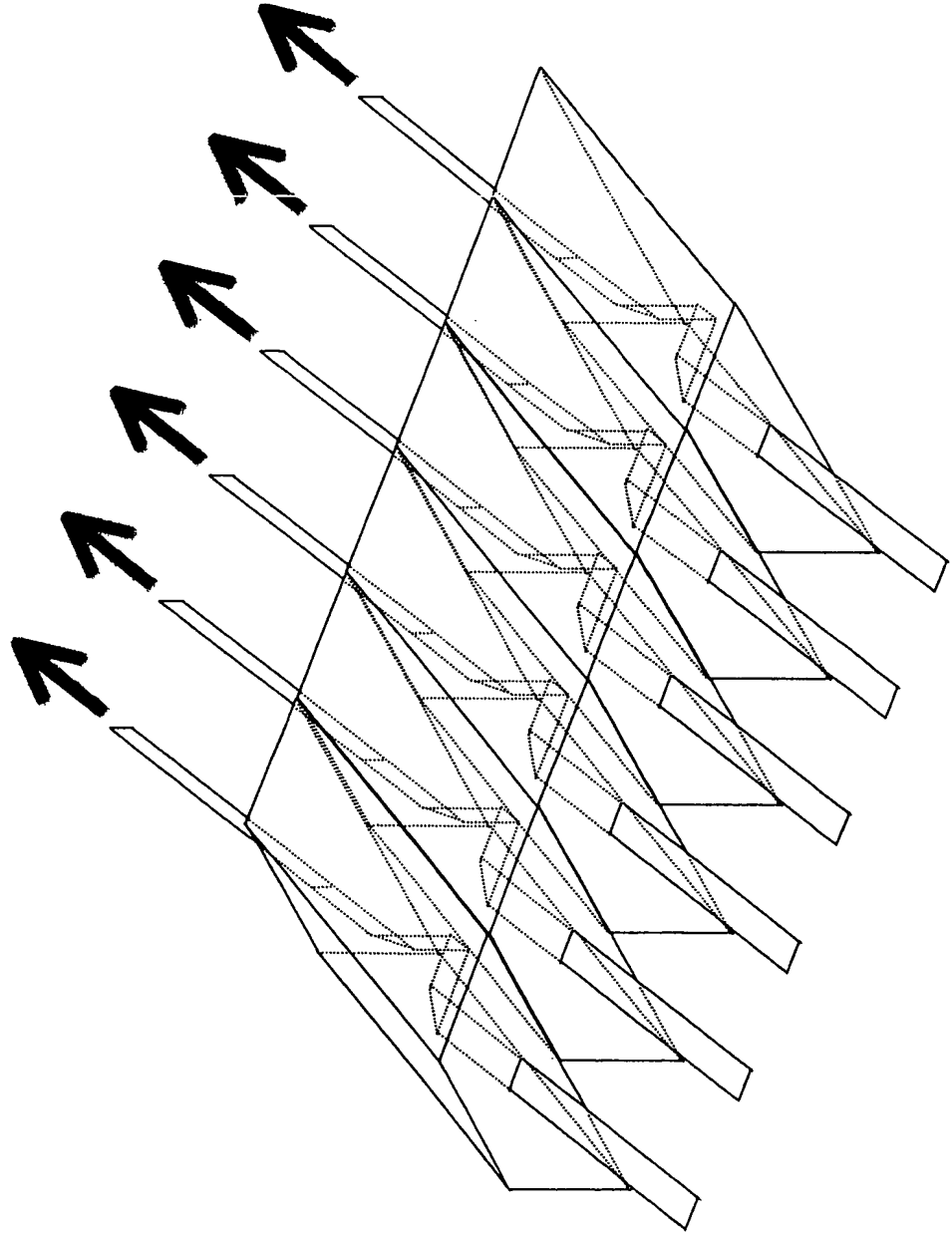
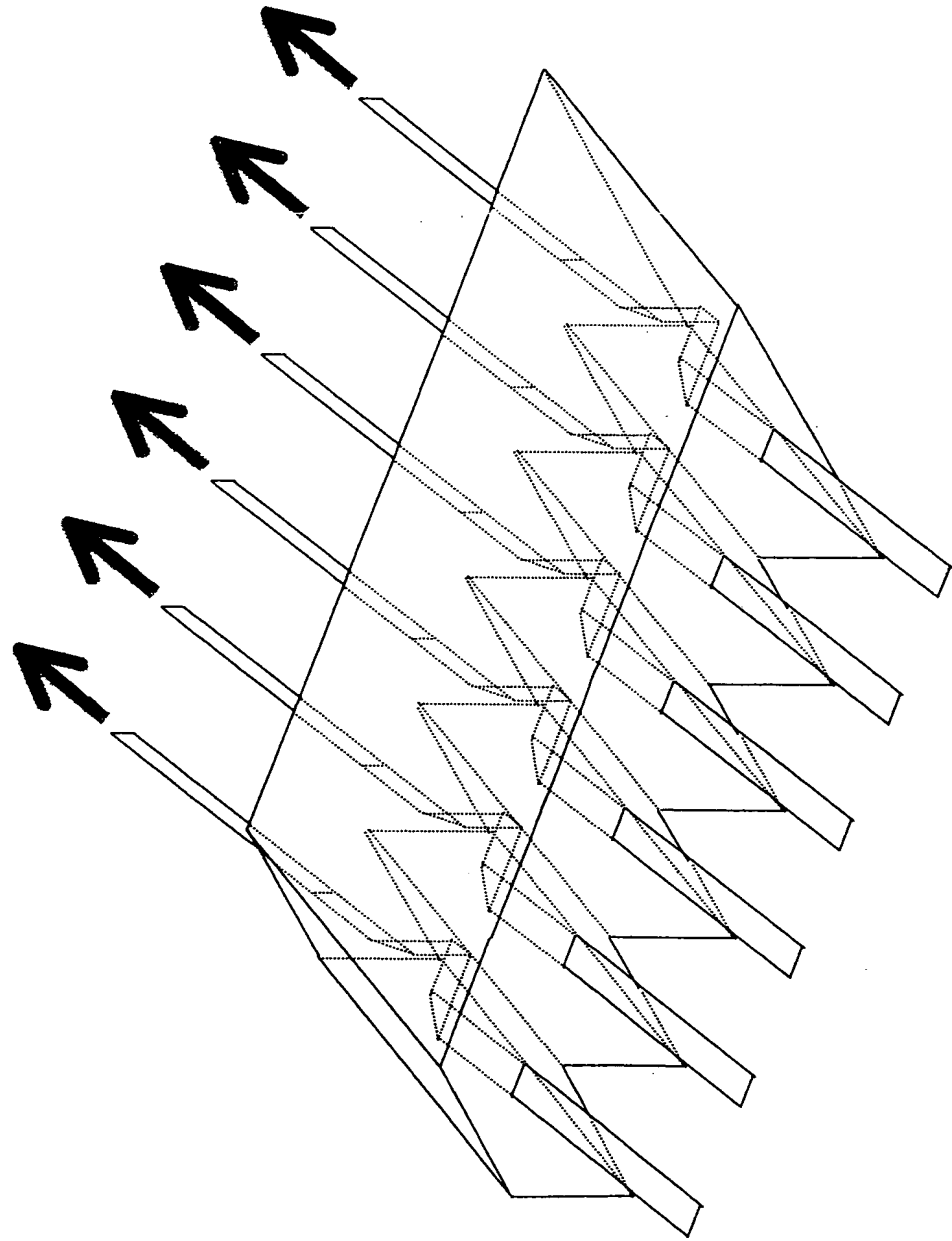
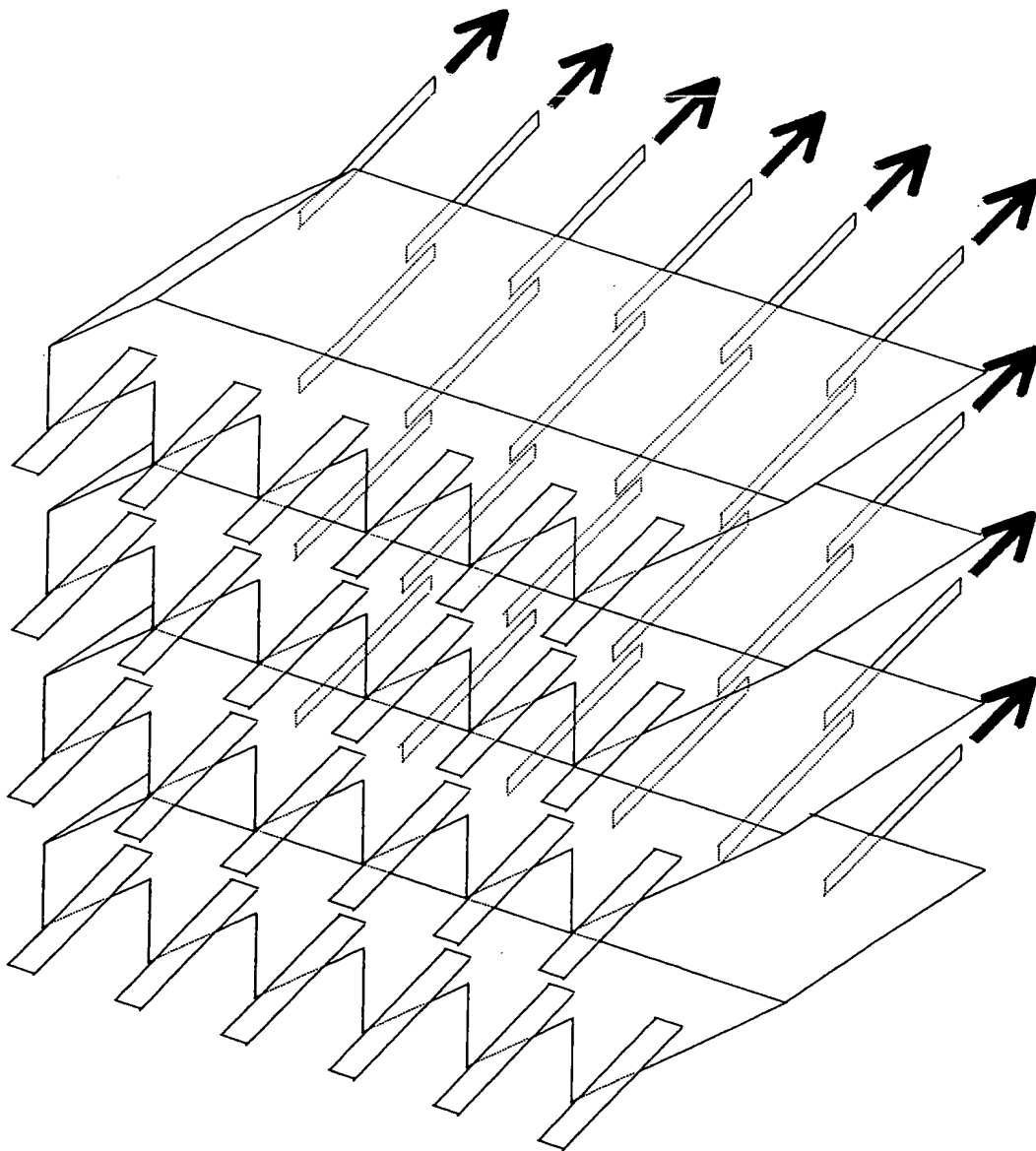


Fig. 55



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Fig. 56



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Fig. 57

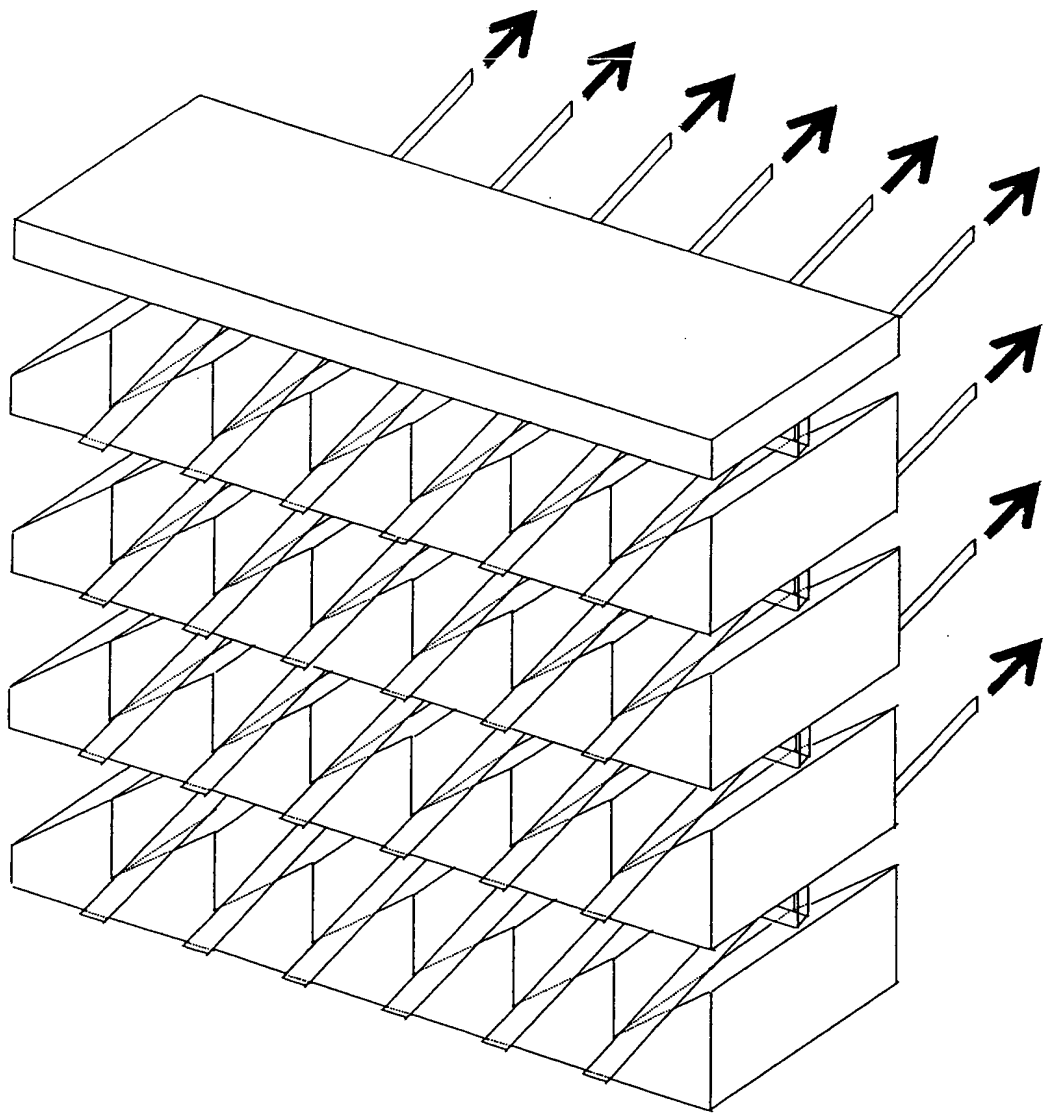


Fig. 58

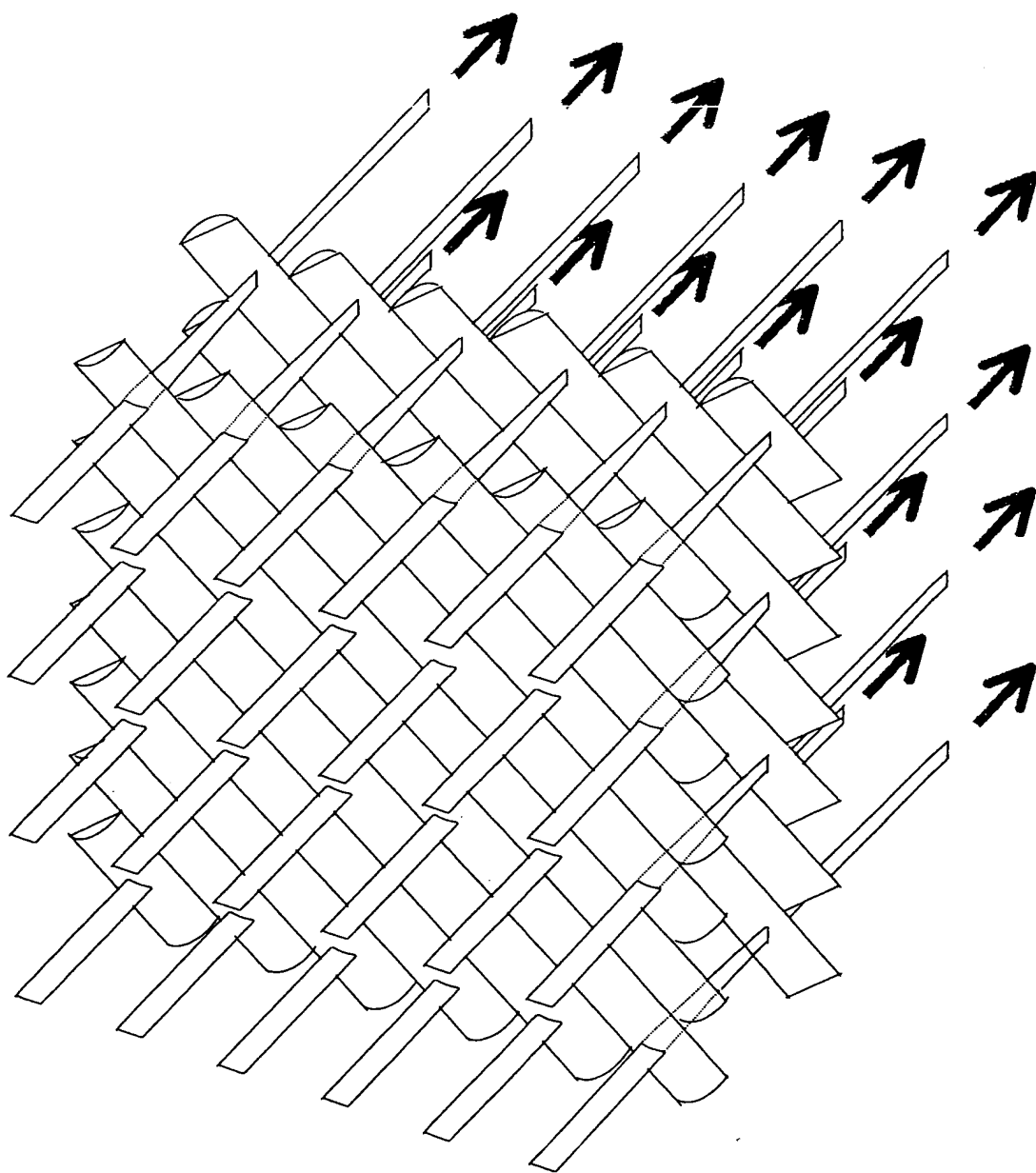
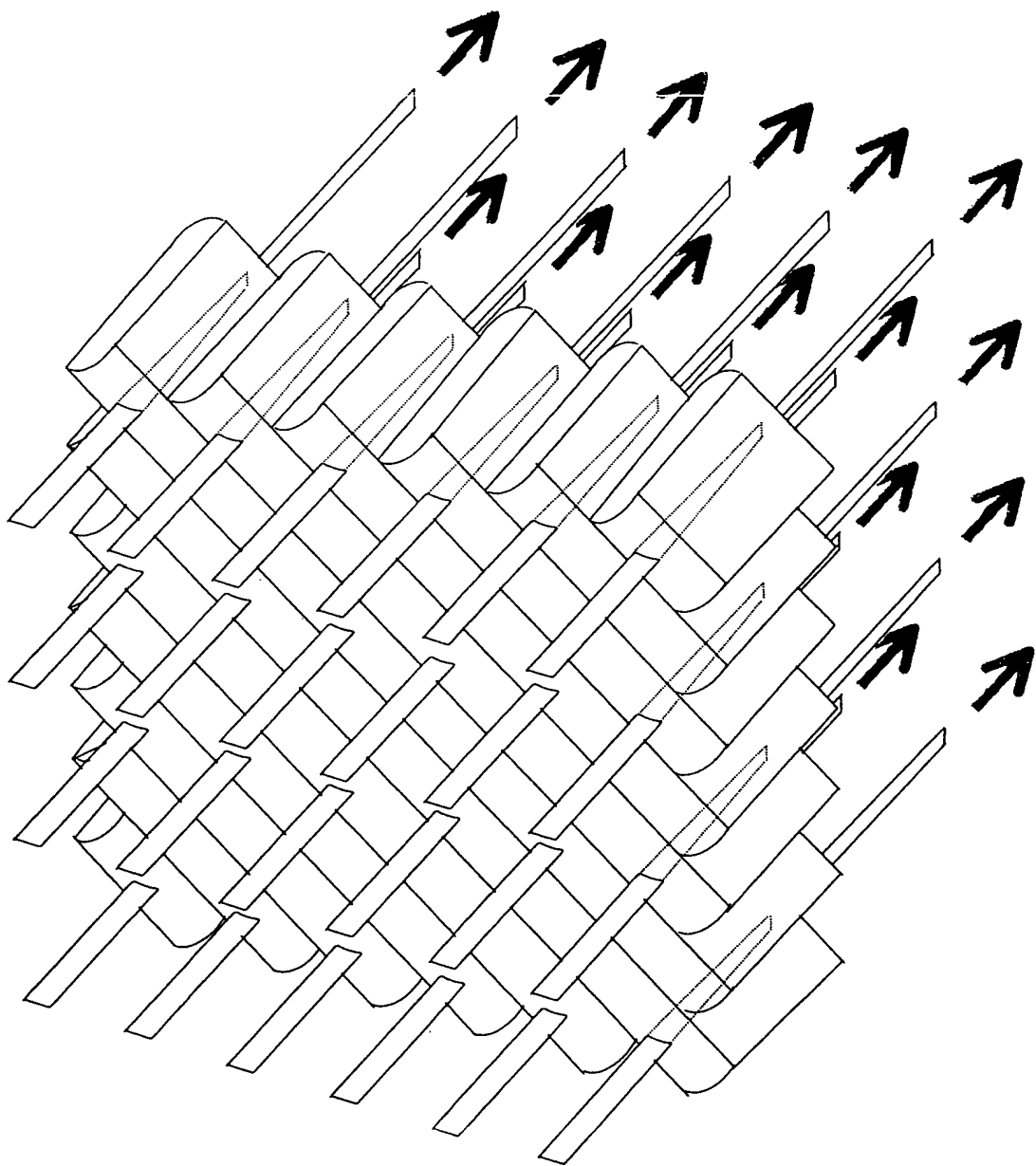


Fig.59



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Fig. 60

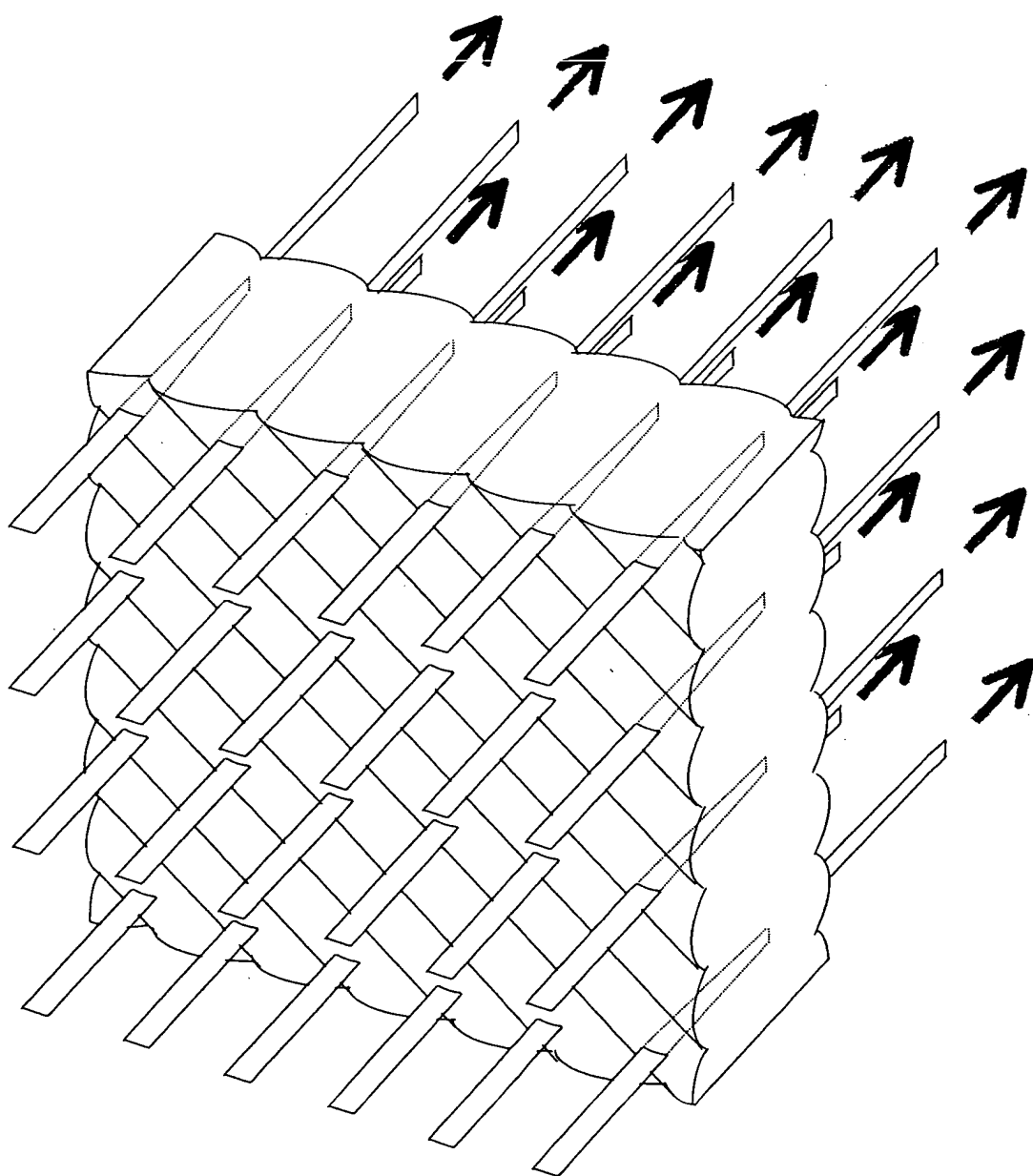
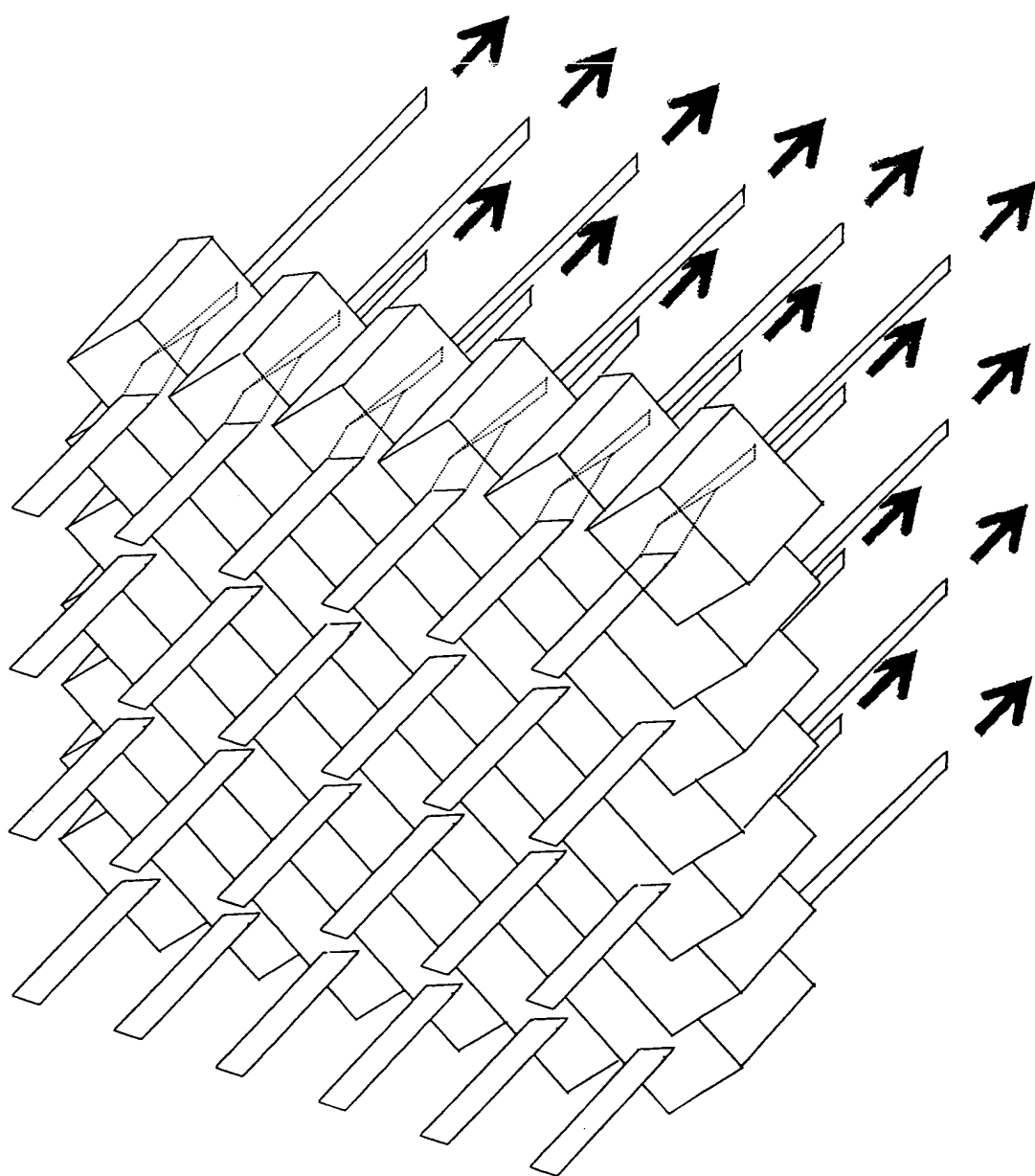
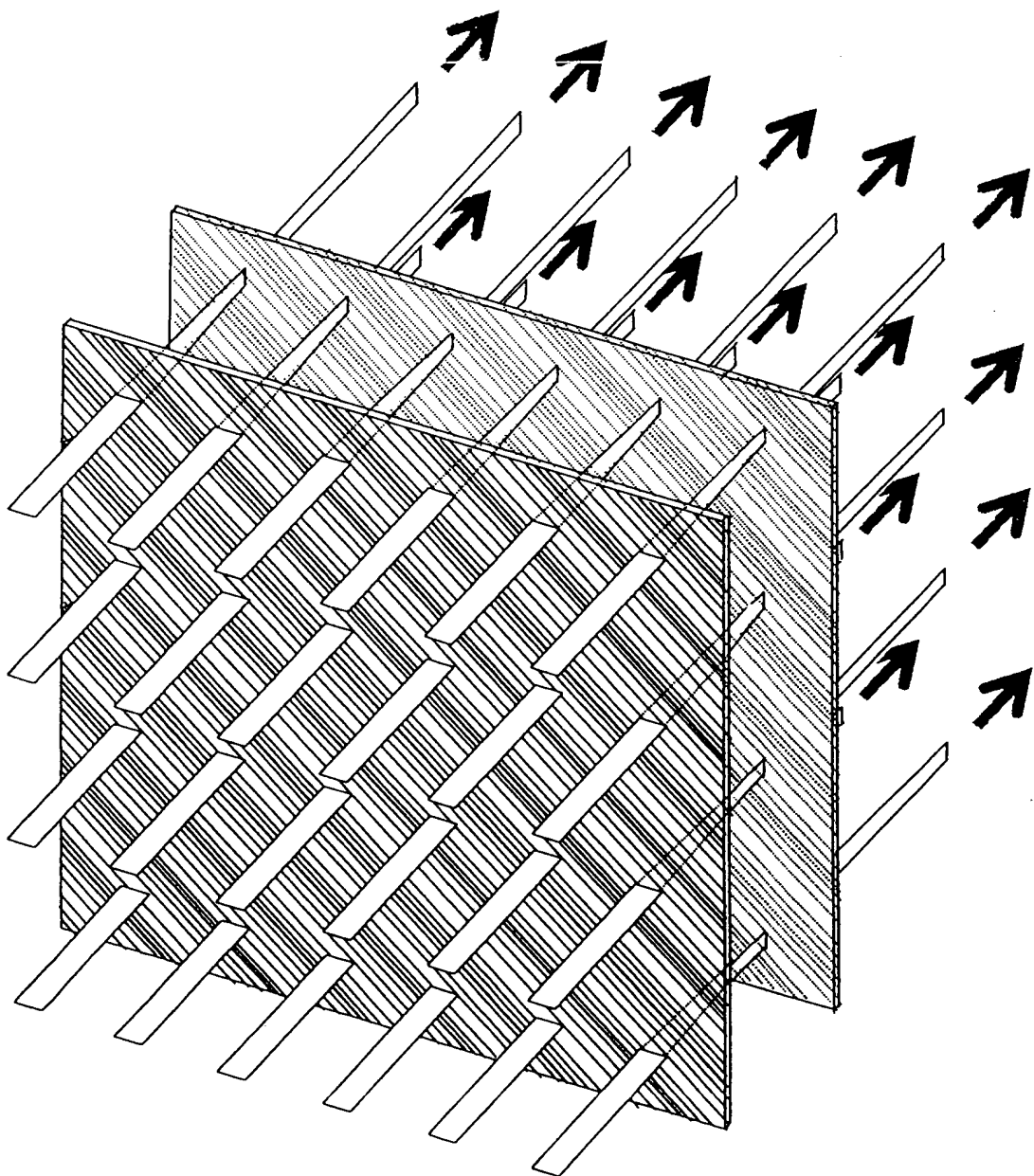


Fig. 61



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Fig. 62



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Fig. 63

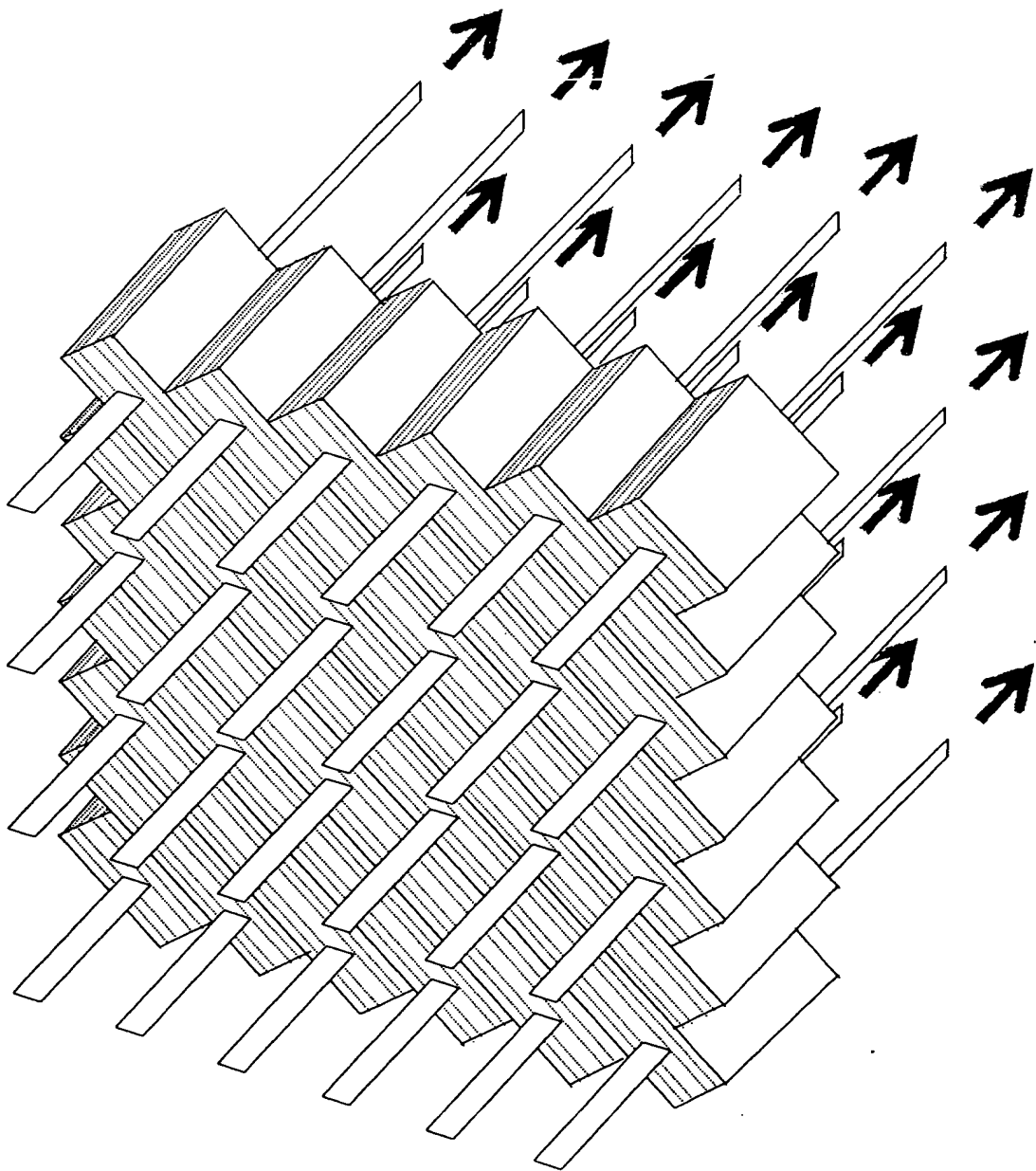
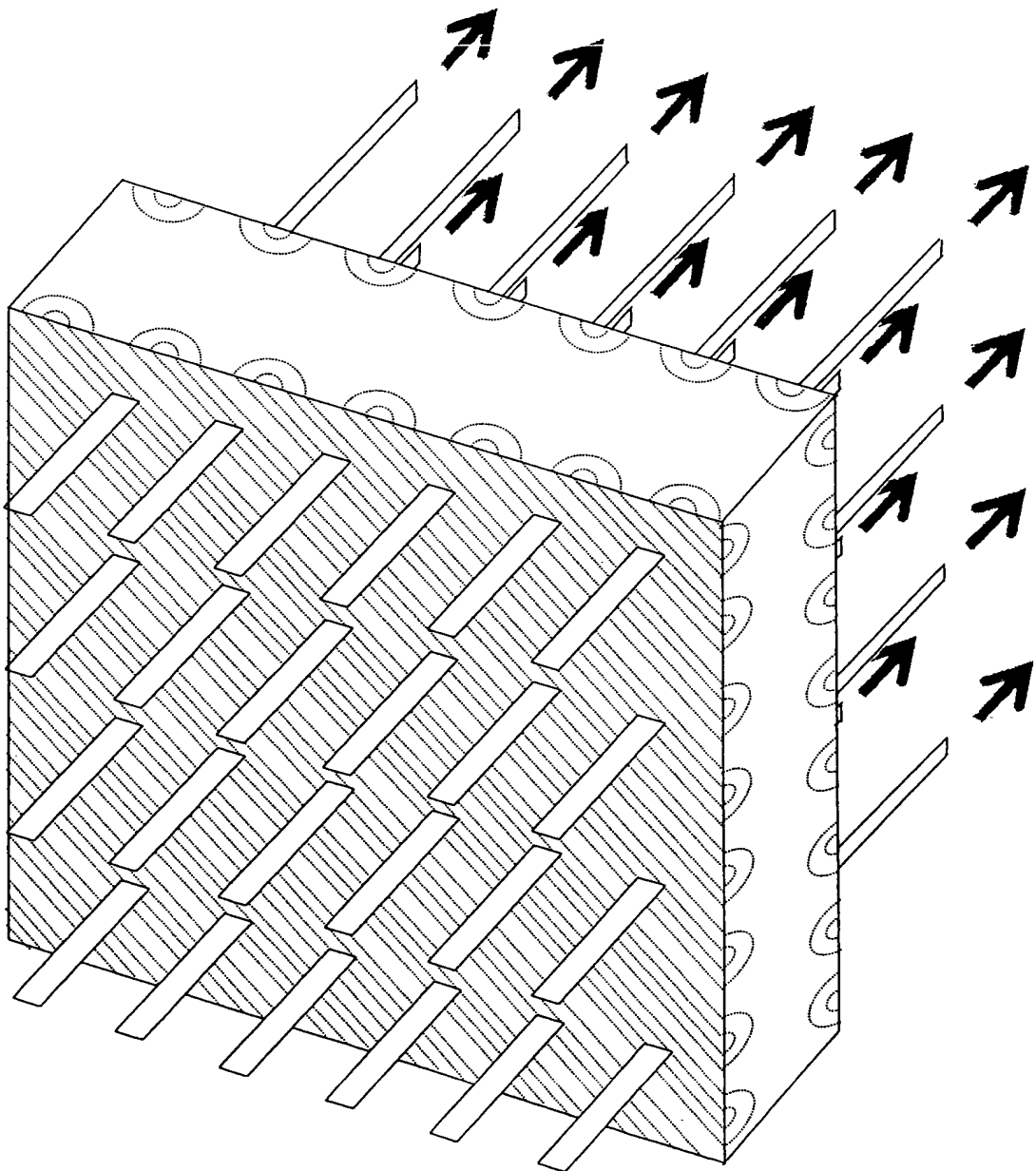


Fig. 64



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Fig.65

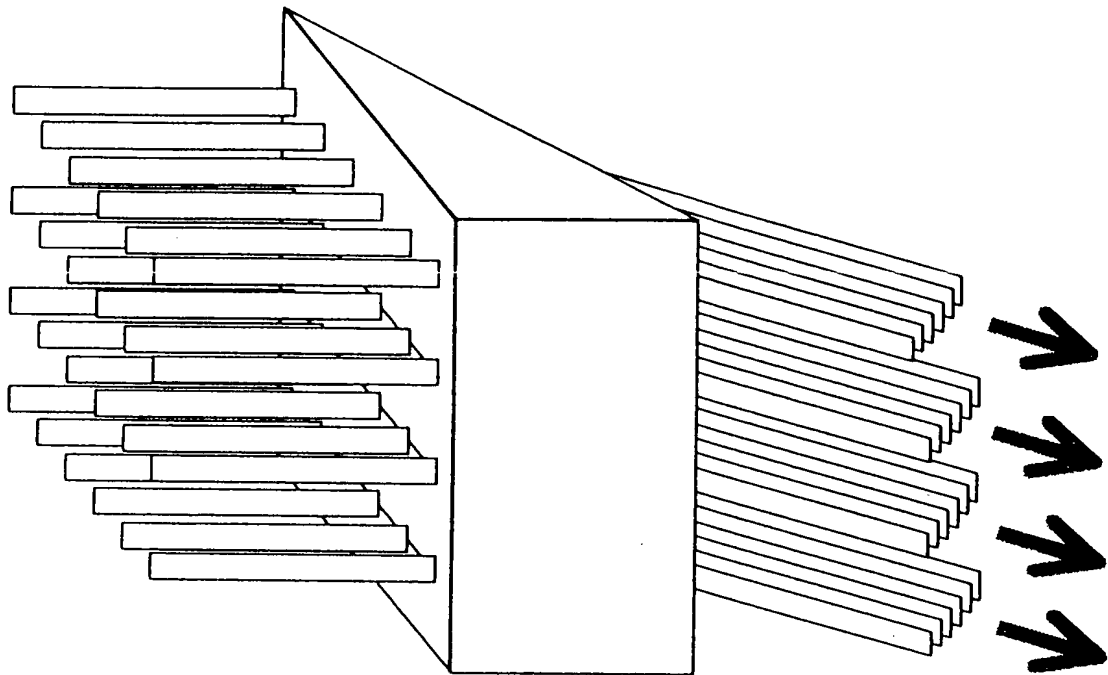
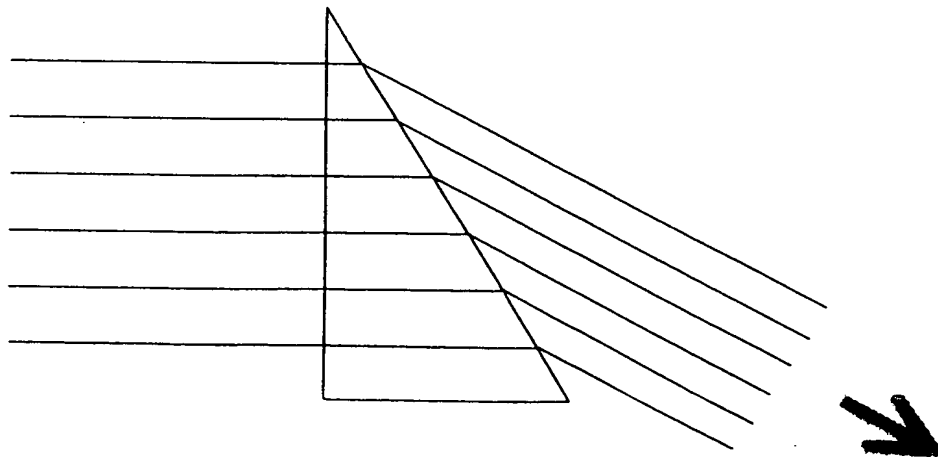
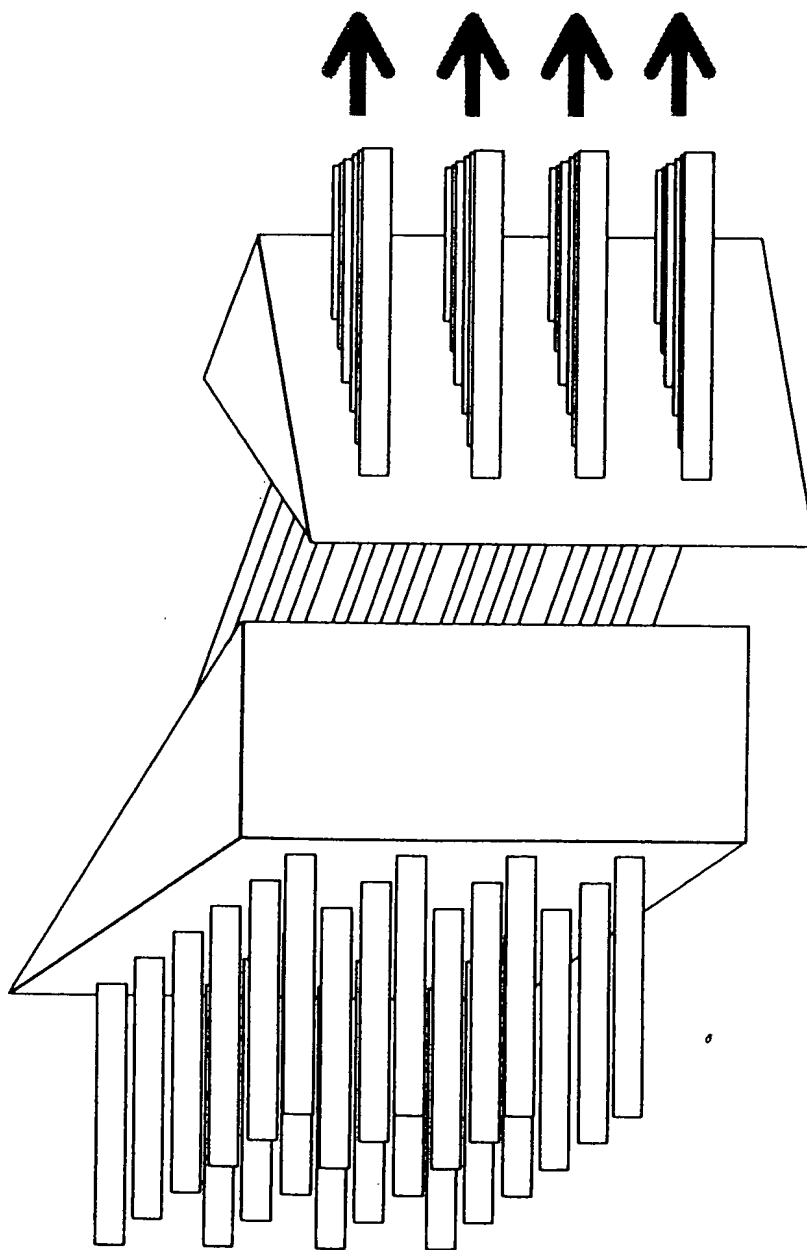


Fig.66



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Fig. 67



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Fig. 68

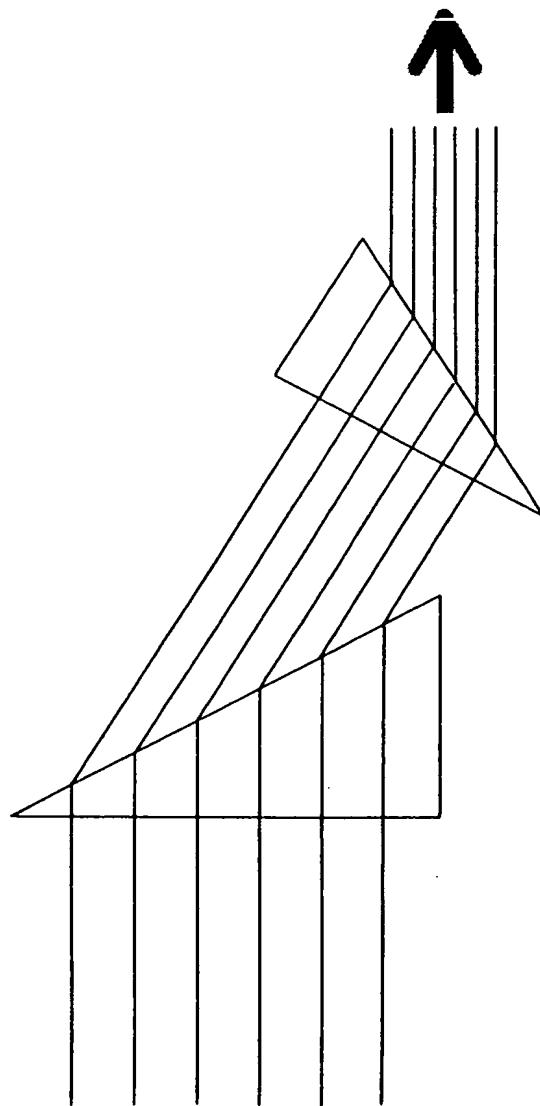
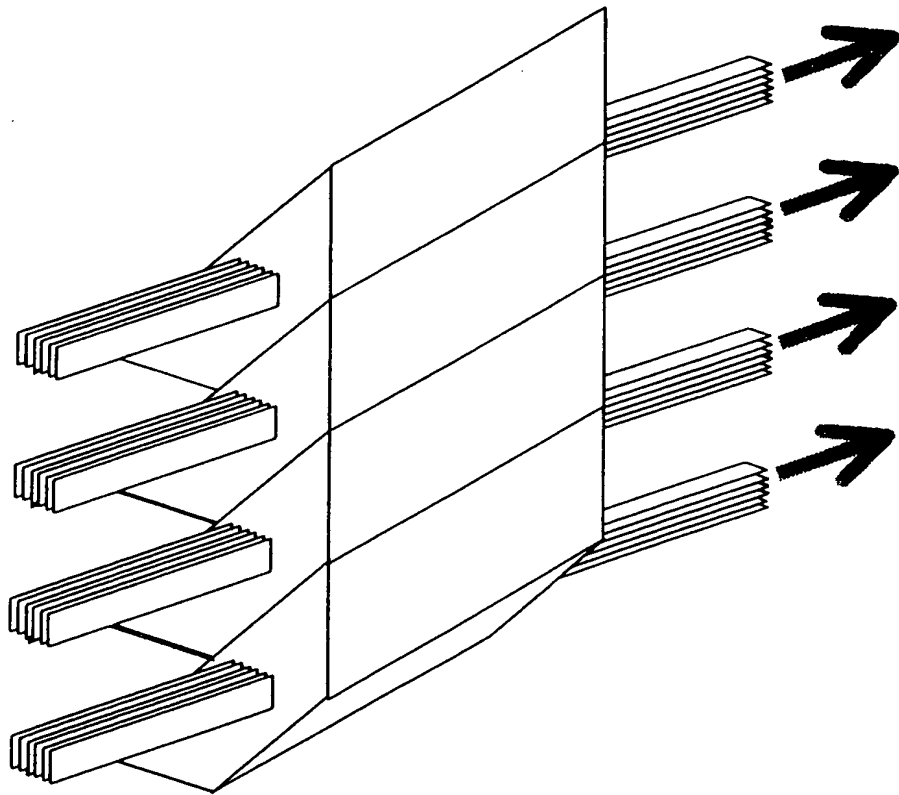
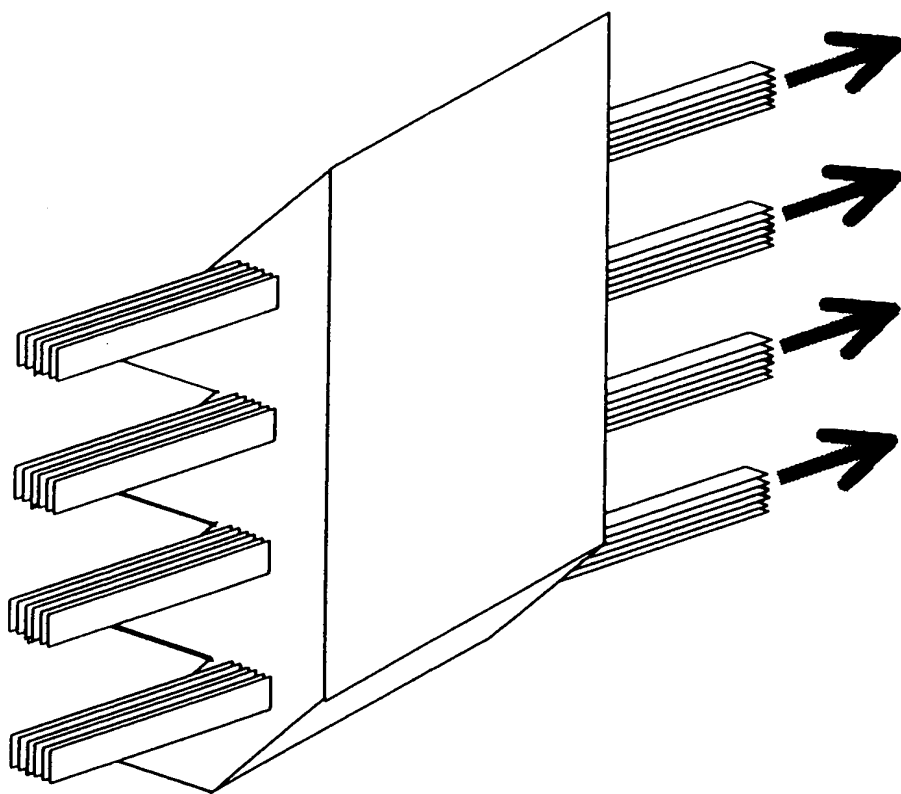


Fig. 69



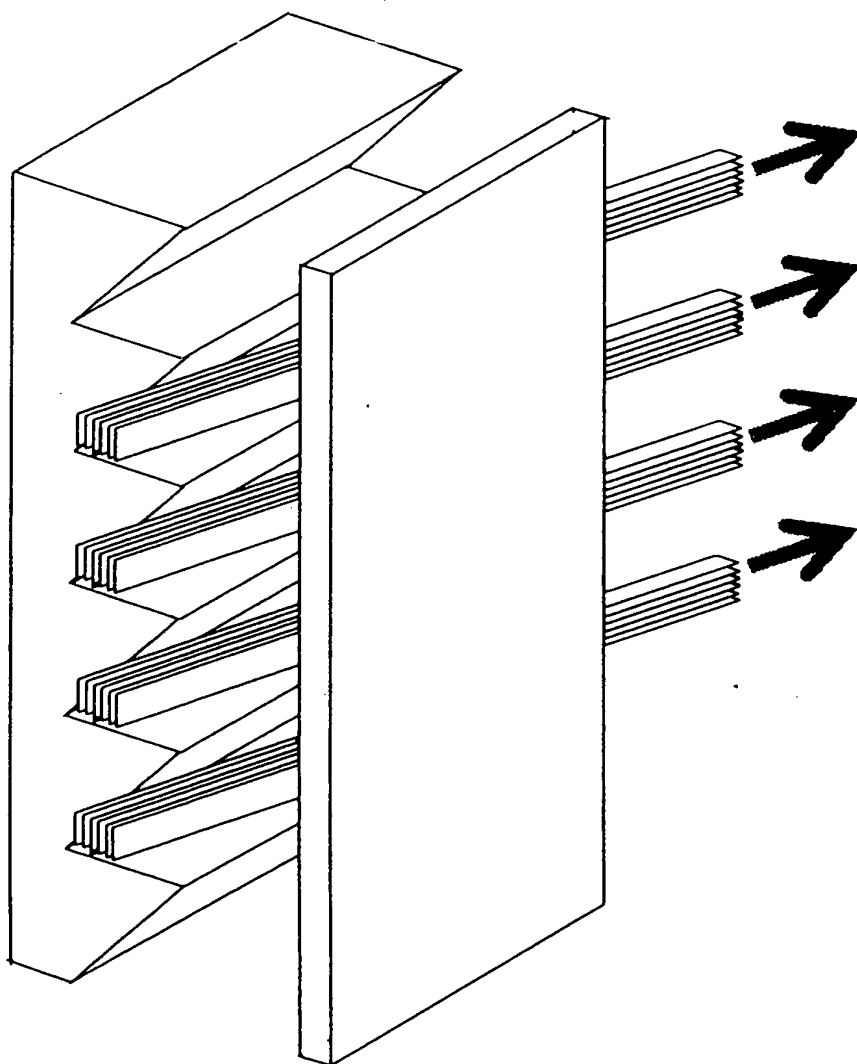
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Fig.70



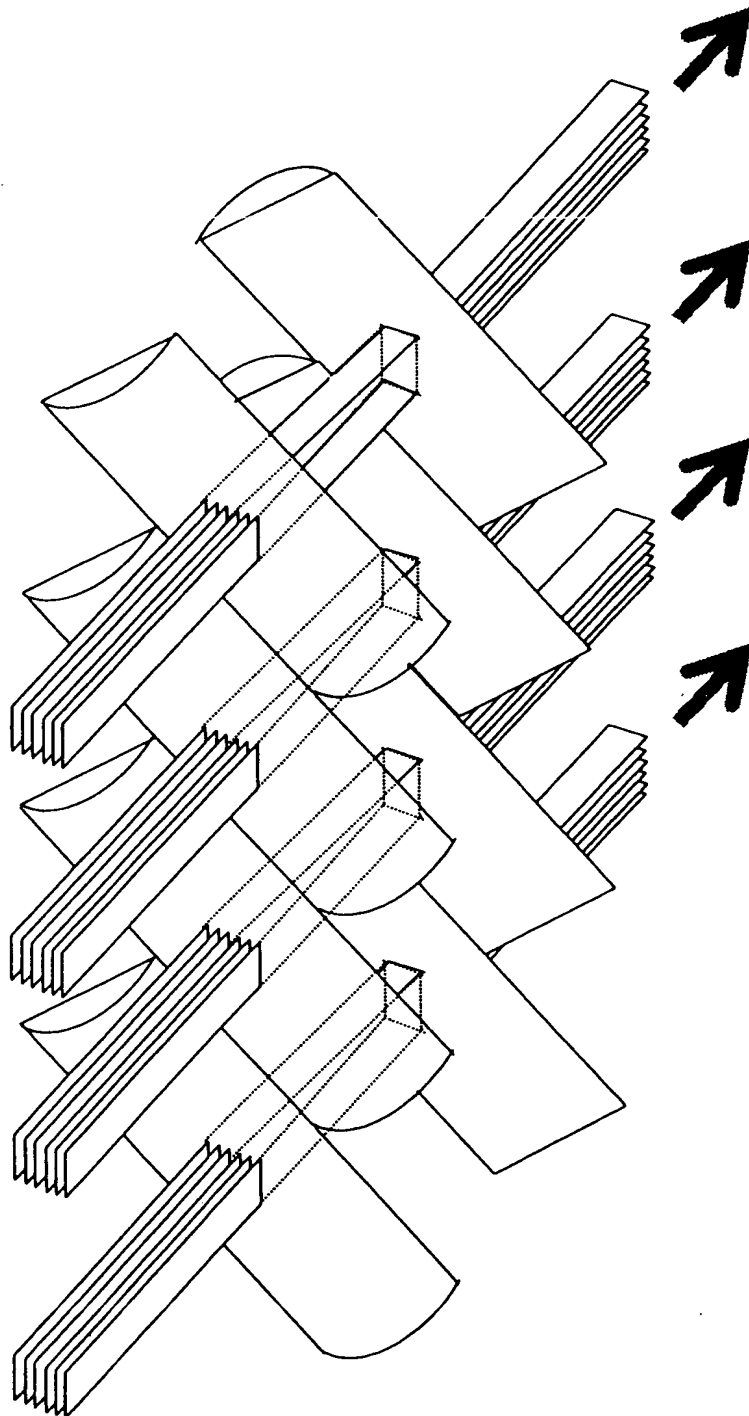
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Fig. 71



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Fig. 72



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Fig. 73

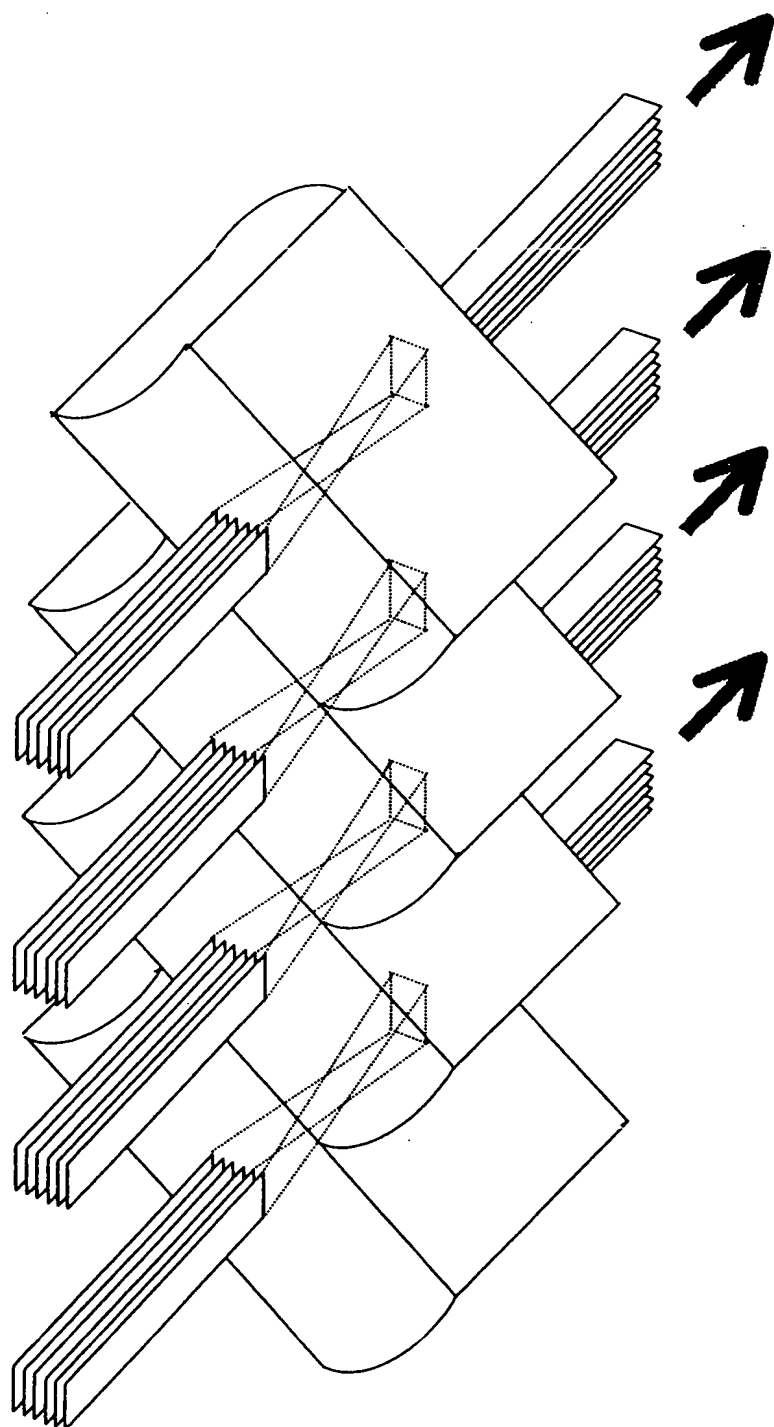
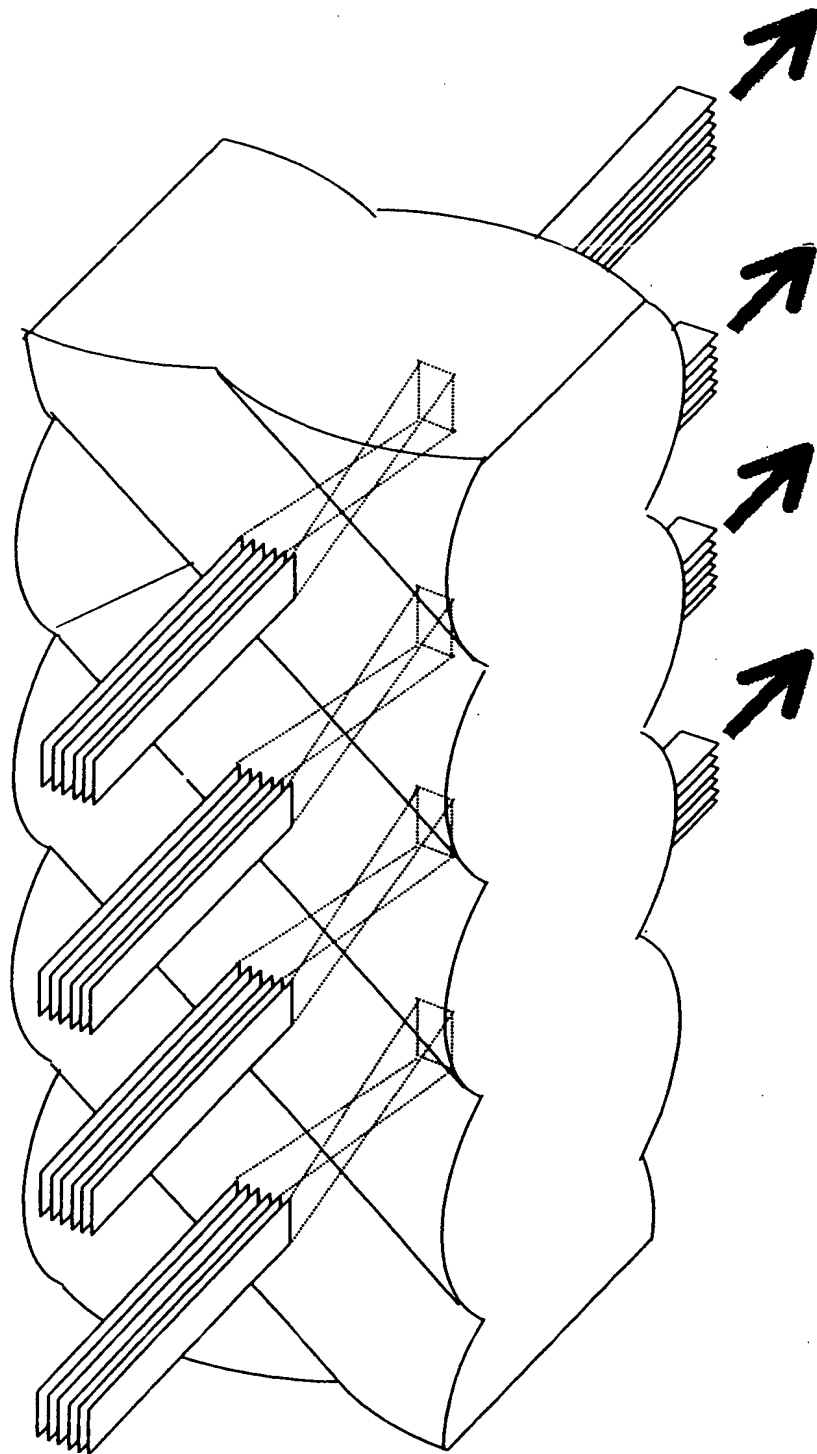
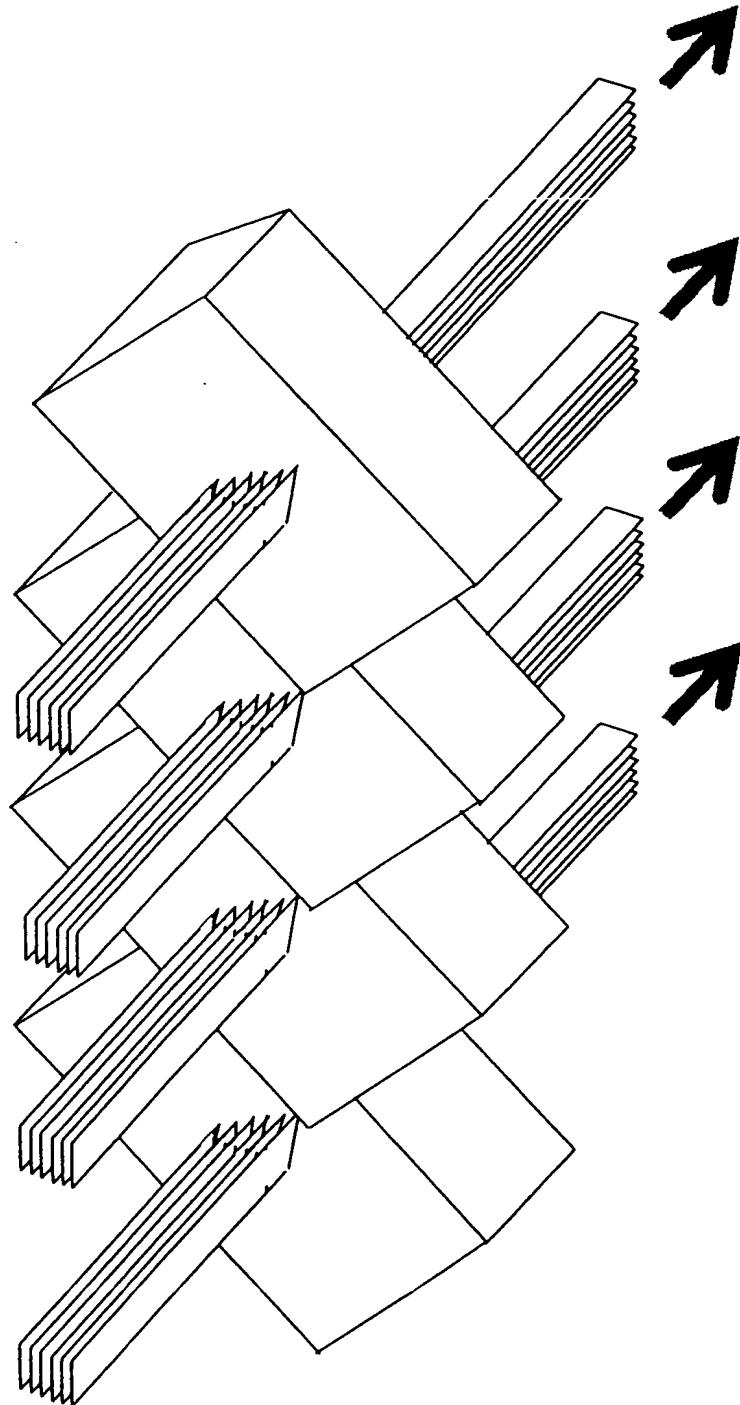


Fig.74



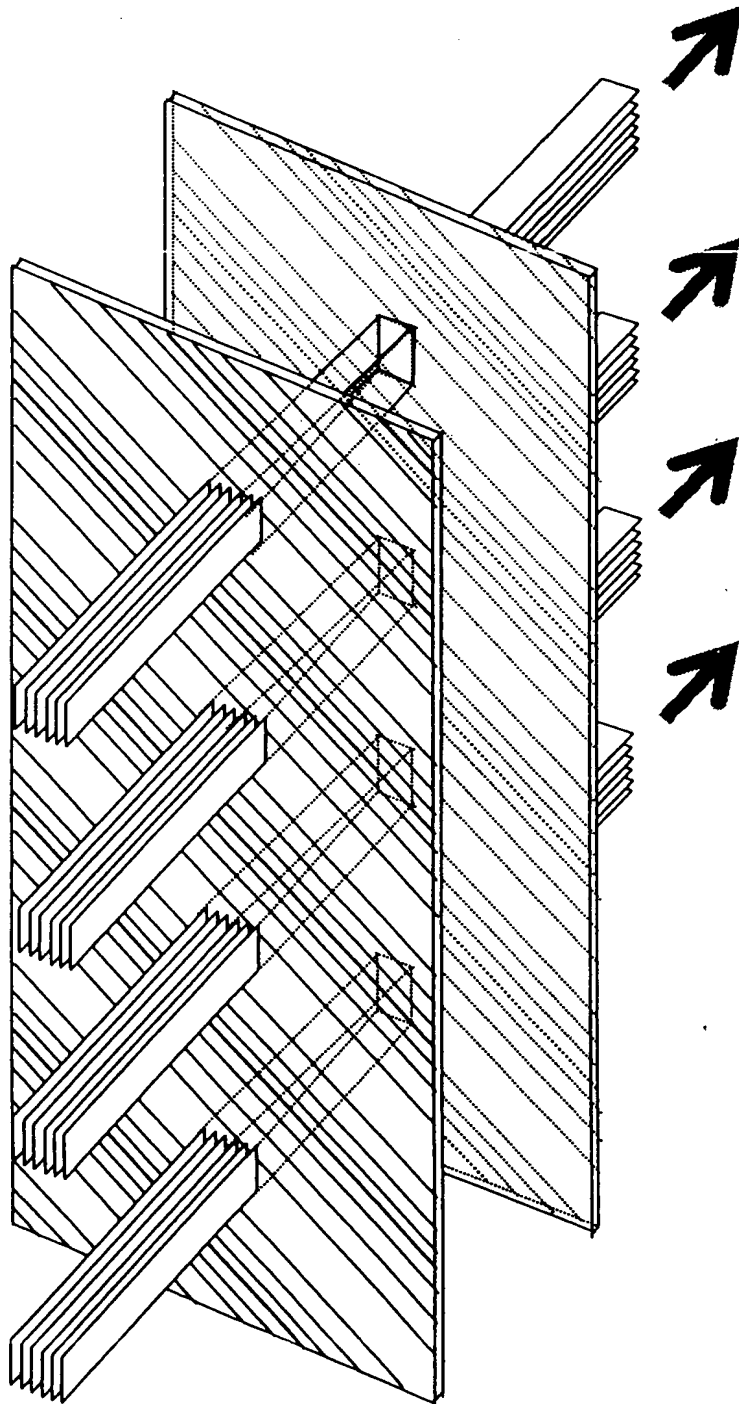
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Fig.75



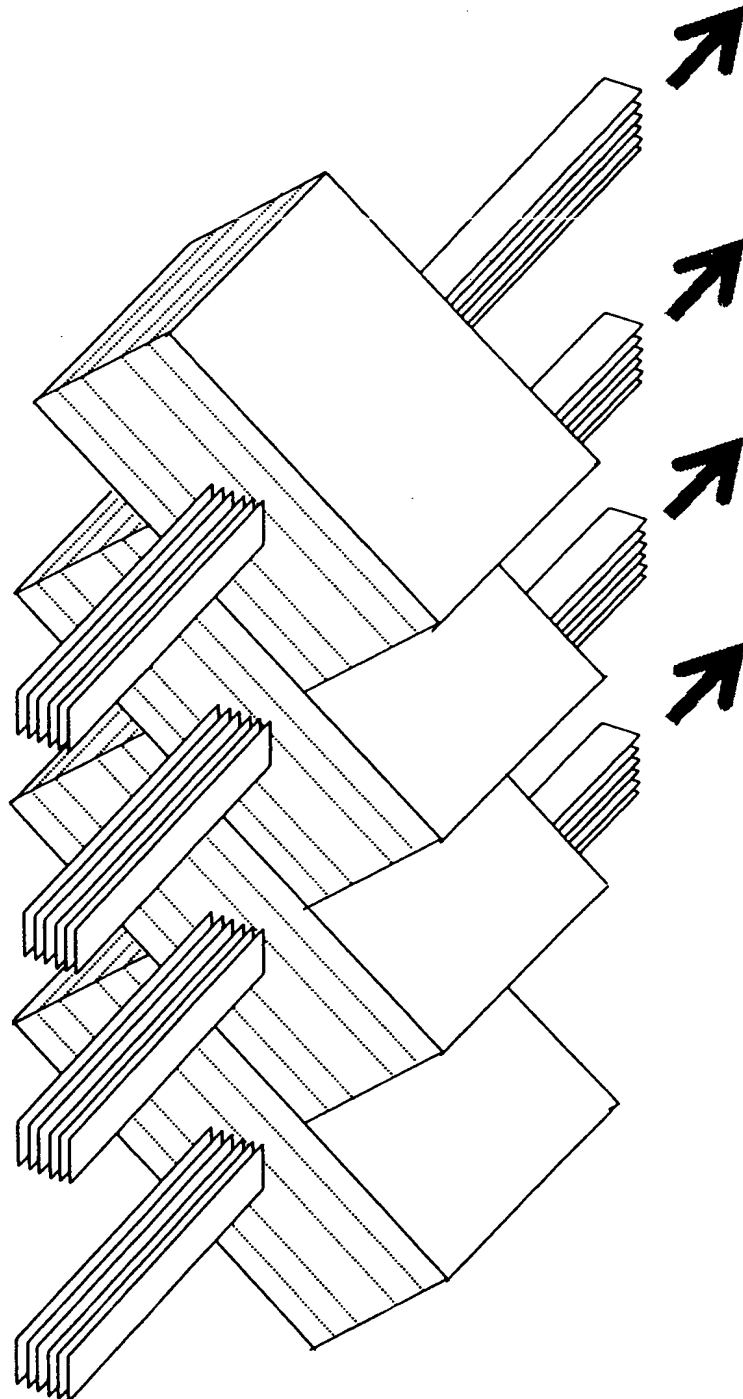
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Fig. 76



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Fig. 77



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Fig. 78

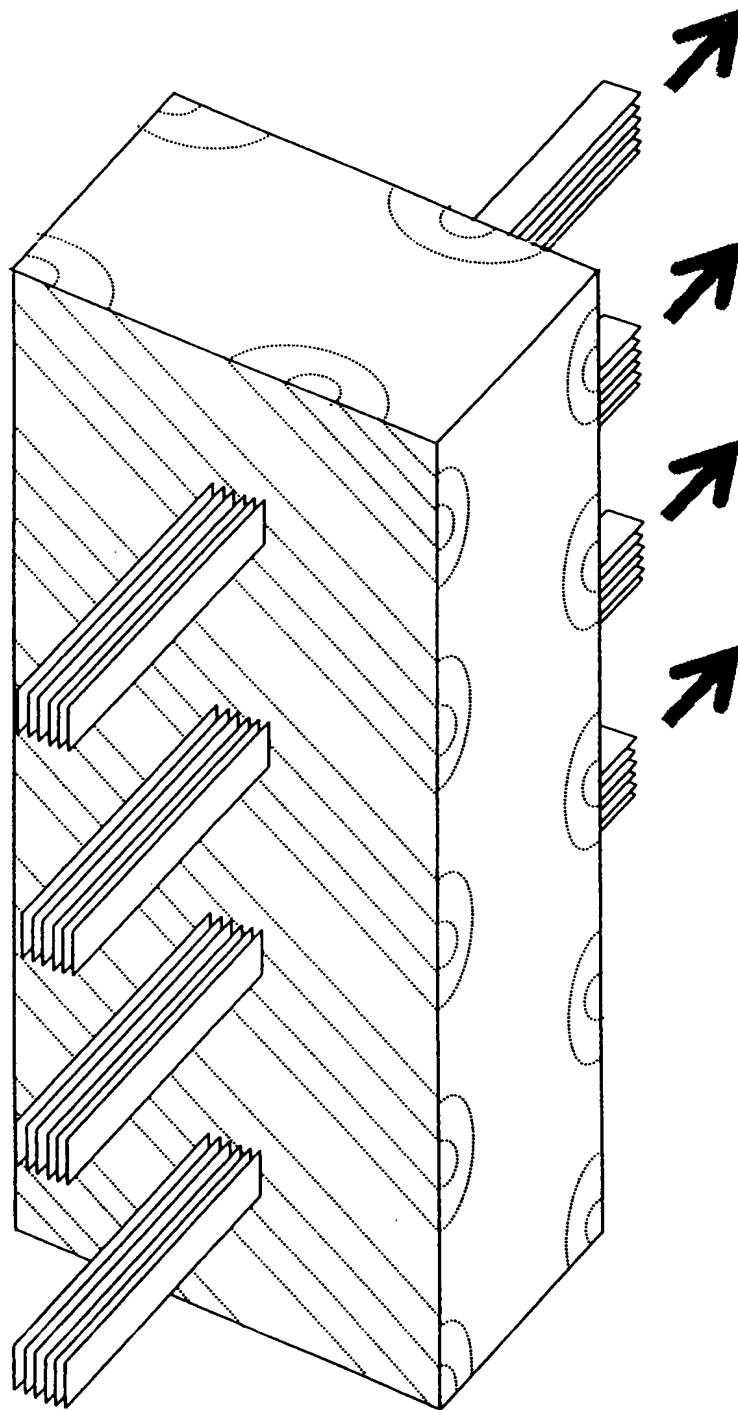


Fig.79

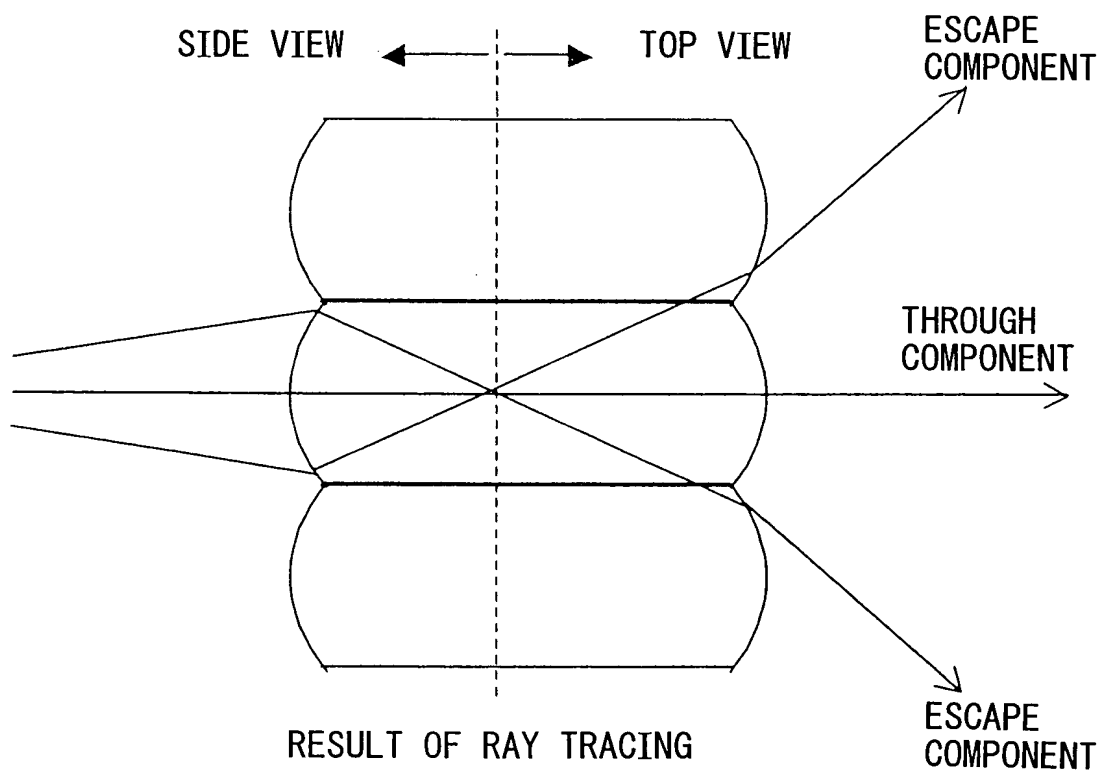


Fig. 80

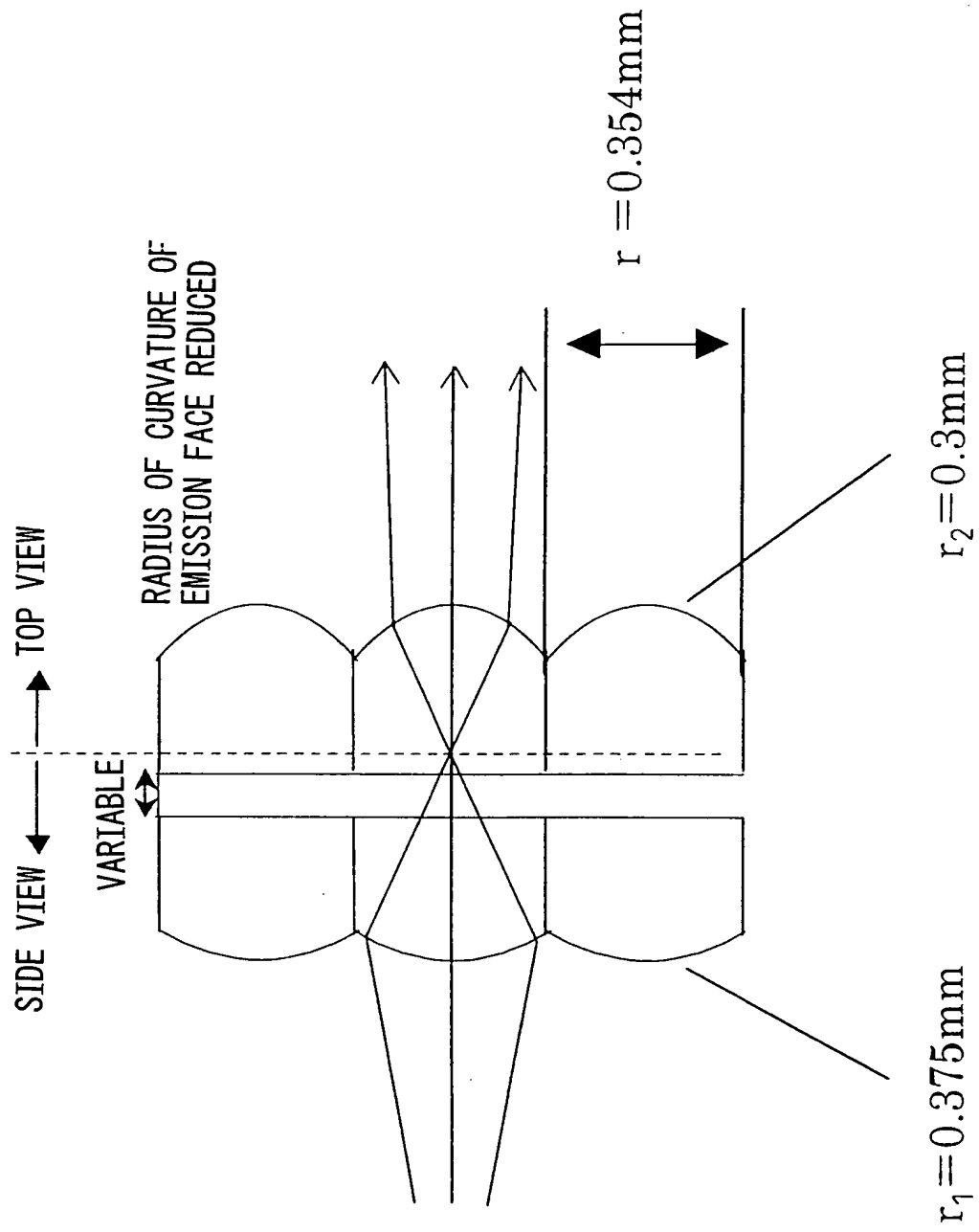


Fig. 81

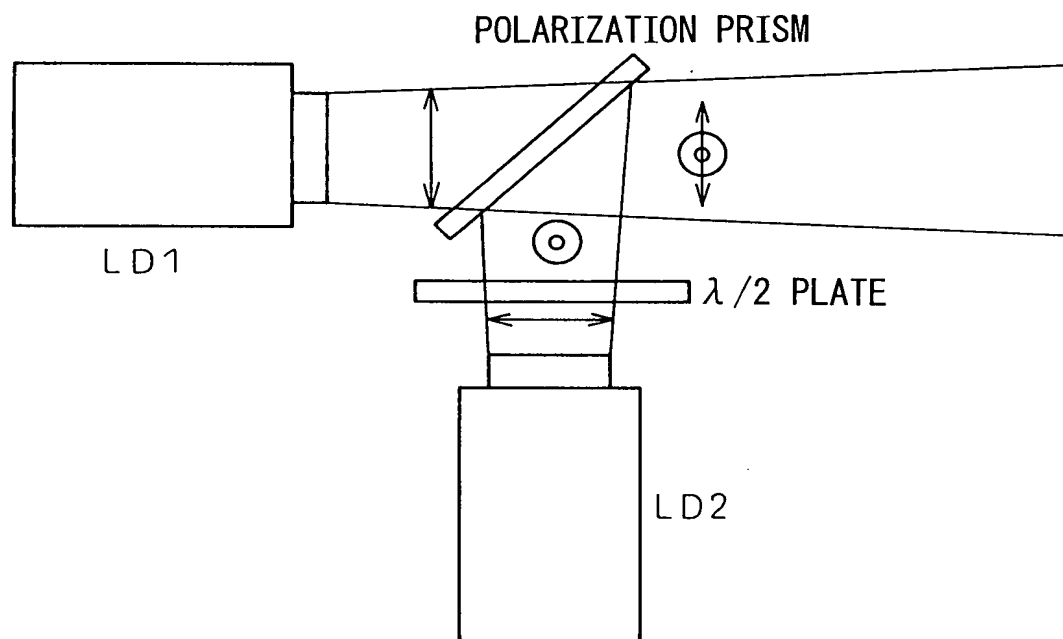


Fig. 82

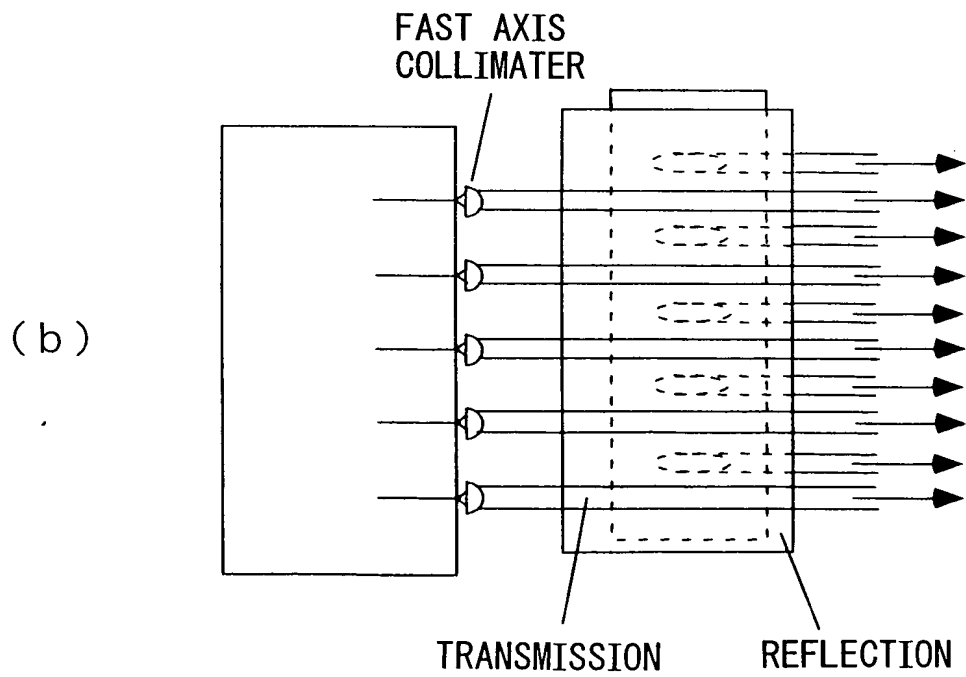
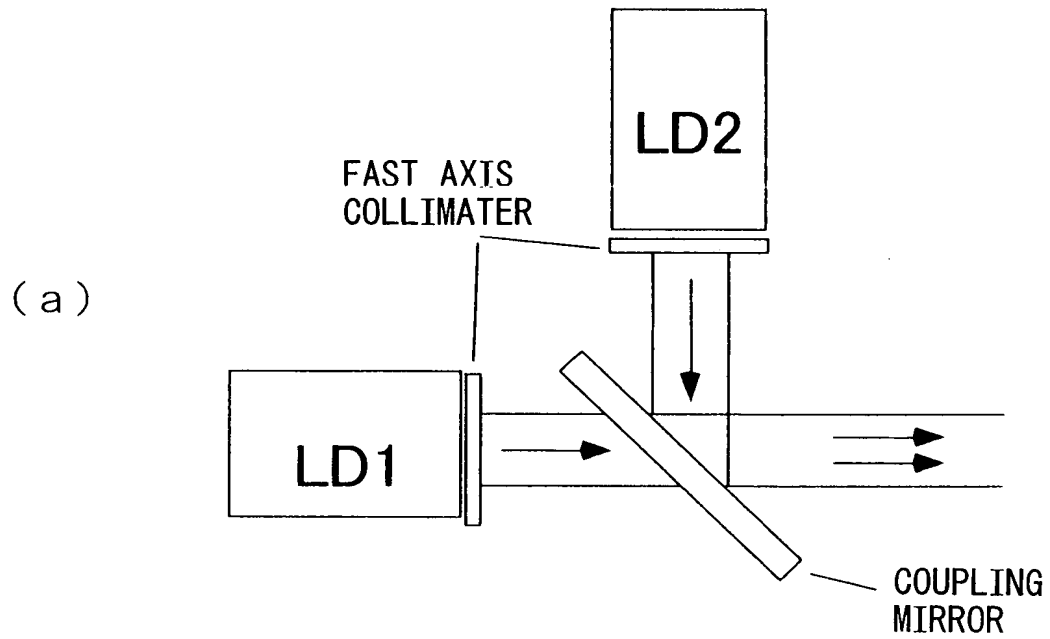


Fig. 83

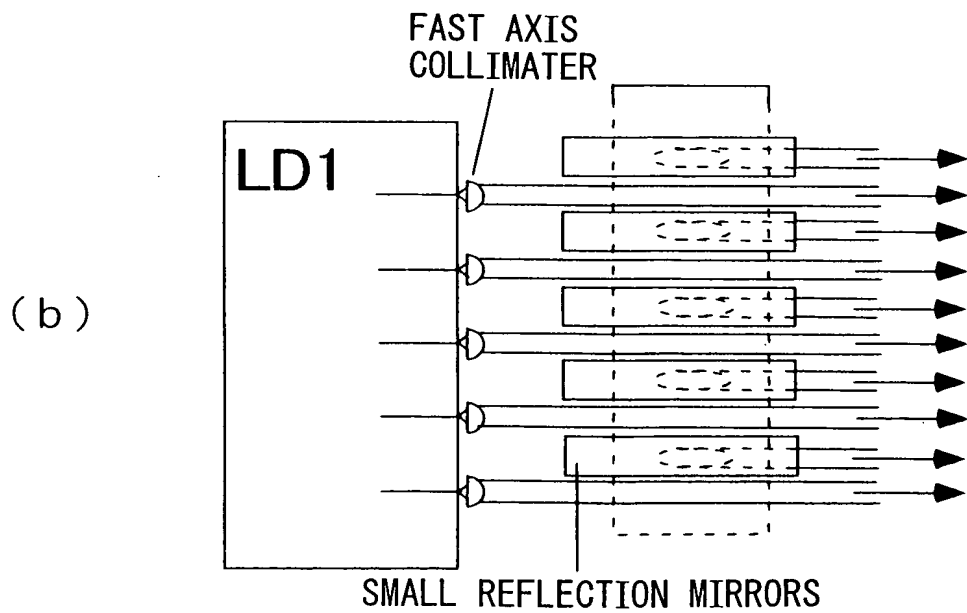
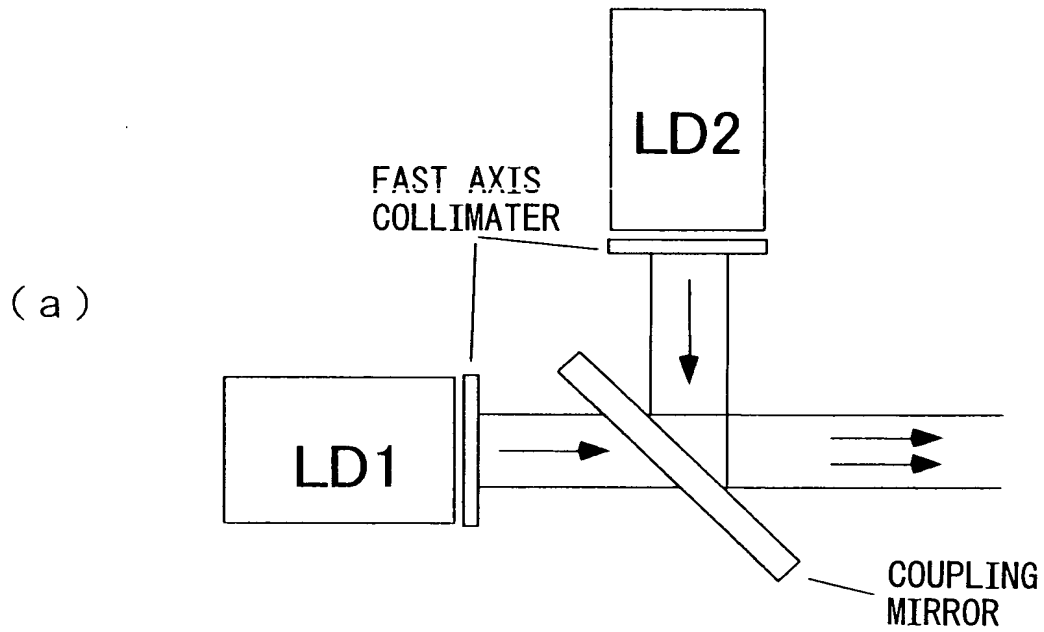


Fig. 84

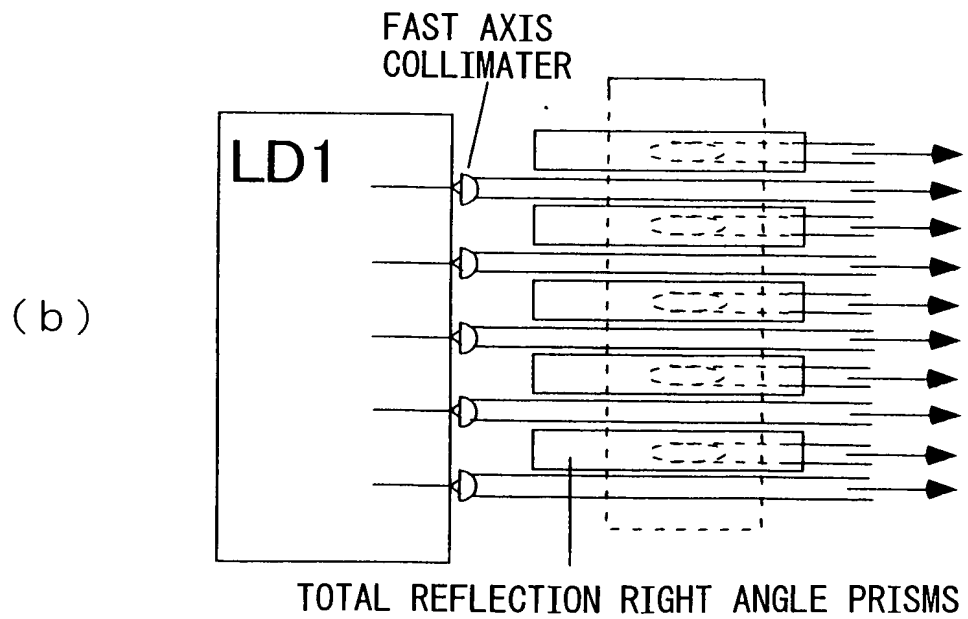
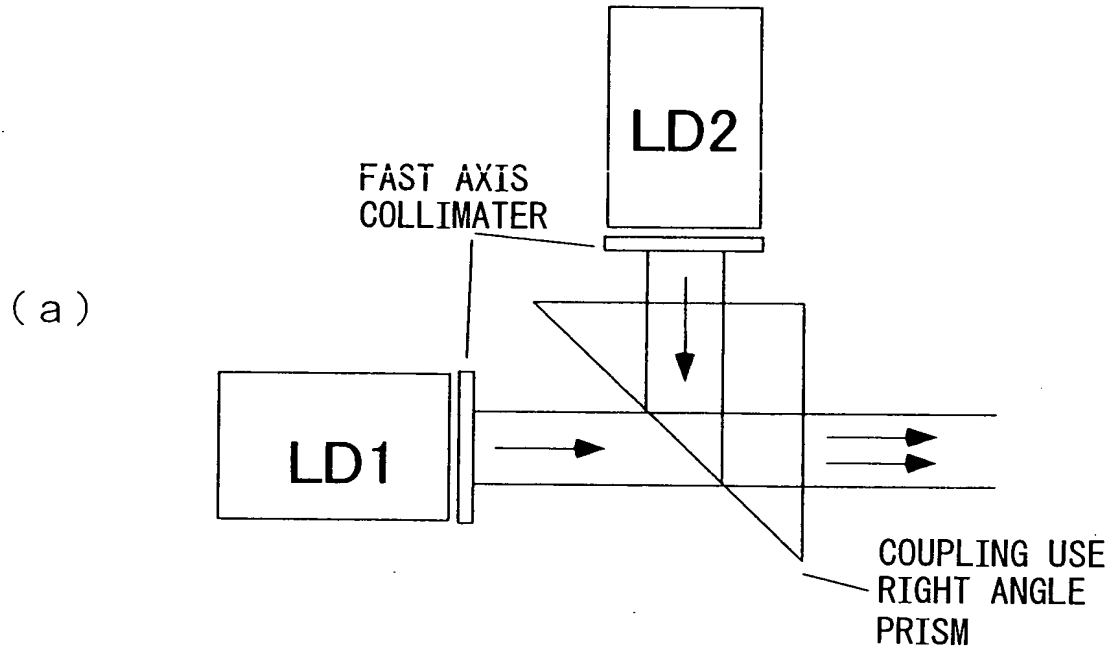


Fig. 85

